			Persistent,			
			Bioaccumulative, Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	(S)-4-hydroxy-3-(3-oxo-1-phenylbutyl)-2-	Trouble chapema(o)		Maine (EU Reproductive		yearey
5543-57-7	benzopyrone	Reproduction		Toxicant)	Sunscreen	
				Maine (CA Prop 65; IARC; IRIS;		
				EU Carcinogen; NTP 11th ROC;		
				OSPAR Chemicals of High		
				Concern); WA Appen1;		
91-94-1	[1,1'-biphenyl]-4,4'-diamine, 3,3'-dichloro-	Cancer	x	Minnesota HRL	Dye, curing agent	
				Maine (OSPAR Chemicals of	Jye, caring agent	
	[1,1'-biphenyl]-4,4'-diamine, N,N'-bis(2,4-			Concern; Canada PBiT); WA		
	dinitrophenyl)-3,3'-dimethoxy-		x	Appen1	Colorant	
23330 30 7	[1,1'-Biphenyl]-4-ol, 3,4',5-tris(1,1-		^	Maine (Canada PBiT); WA	Colorum	
6257-39-2	dimethylethyl)-		x	Appen1		
	[1,1'-Biphenyl]-4-ol, 3,4'-bis(1,1-		^	Maine (Canada PBiT); WA		
	dimethylethyl)-		V	<i>''</i>	Chemical intermediate	
42473-00-3	[1,1'-biphenyl]-4-ol, 3,5-bis(1,1-		X	Appen1 Maine (OSPAR Chemicals of	Cheffical intermediate	
2669 47 5				· ·		
2668-47-5	dimethylethyl)-		X	Concern); WA Appen1		
	[2,6'-Bibenzothiazole]-7-sulfonic acid, 2'-(4-					
	aminophenyl)-6-methyl-, diazotized,					
	coupled with diazotized 4-					
	aminobenzenesulfonic acid and resorcinol,			Maine (Canada PBiT); WA		
91696-90-1	sodium salts		X	Appen1		
	1(2H)-Quinolineethanol, 6-[(2-chloro-4,6-					
	dinitrophenyl) azo]-3,4-dihydro-2,2,4,7-			Maine (Canada PBiT); WA		
	tetramethyl-		Х	Appen1		
	1(2H)-Quinolinepropanamide, 6-(2,2-					
	dicyanoethenyl)-3, 4-dihydro-2,2,4,7-			Maine (Canada PBiT); WA		
63467-15-2	tetramethyl-N-phenyl-		X	Appen1		
	1,1,1,2-Tetrachloro-2,2-bis(4-			Maine (EU Endocrine Disruptor);		
3563-45-9	chlorophenyl)ethane (tetrachloro DDT)	Endocrine system		WA Appen1	Impurity in pesticide	
					Solvent, insecticides mfg, bleaches,	
630-20-6	1,1,1,2-Tetrachloroethane	Kidney, Liver		WA Appen1; Minnesota HRL	paints, varnishes	
	1,1,1-Trichloro-2,2-bis(4-			Maine (EU Endocrine Disruptor);		
2971-22-4	chlorophenyl)ethane	Endocrine system		WA Appen1	Chemical intermediate for herbicide	
				Maine (CA Prop 65); WA		
				Appen1; WA CHCC; Minnesota		
79-34-5	1,1,2,2-Tetrachloroethane	Cancer		HRL	Solvent, degreaser	Х
	1,1'-biphenyl, 2,2',3,3',4,4',5,5',6,6'-			Maine (OSPAR Chemicals of		
13654-09-6	decabromo-		х	Concern); WA Appen1	Flame retardant	
	1,1'-biphenyl, 2,2',3,3',4,4',5,5',6,6'-			Maine (OSPAR Chemicals of		
2051-24-3	decachloro-		х	Concern); WA Appen1	Used in electrical systems	
				Maine (OSPAR Chemicals of		
33979-03-2	1,1'-biphenyl, 2,2',4,4',6,6'-hexachloro-		x	Concern); WA Appen1	РСВ	
				Maine (EU Endocrine Disruptor;		
				OSPAR Chemicals of Concern);		
2437-79-8	1,1'-biphenyl, 2,2',4,4'-tetrachloro-	Endocrine system	x	WA Appen1		



			Persistent, Bioaccumulative,			
			Toxic or very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
		Treatest estapes (e)				jemej
				Maine (EU Endocrine Disruptor;		
				OSPAR Chemicals of Concern);		
7012-37-5	1,1'-biphenyl, 2,4,4'-trichloro-	Endocrine system	X	WA Appen1; Oregon P3 List	Electrical systems	
				Maine (OSPAR Chemicals of		
41604-19-7	1,1'-biphenyl, 4-bromo-2-fluoro-		X	Concern); WA Appen1	Chemical intermediate	
26255 01 0	1 1 hinhanul hayahrama			Maine (OSPAR Chemicals of	Flame retardants mfg	
36355-01-8	1,1'-biphenyl, hexabromo-		X	Concern); WA Appen1 Maine (OSPAR Chemicals of	Flame retardants mfg	
53742-07-7	1,1'-biphenyl, nonachloro-		v	Concern); WA Appen1	PCB	
33742-07-7	1,1 -biphenyi, nonacmoro-		X	Maine (CA Prop 65); WA	FCB	
75-34-3	1,1-Dichloroethane	Cancer, Nervous system		Appen1; Minnesota RAA	Solvent, extracting agent, fumigant	
73 34 3	1,1 Diction Centuric	cancer, ivervous system		Appenii, wiii ii esota iv v	Joivent, extracting agent, runigant	
					Co-monomer in production of coatings,	
75-35-4	1,1-Dichloroethylene (Vinylidene chloride)	Liver		WA Appen1; Minnesota HBV	films, resins; organic synthesis	
, ,				Maine (CA Prop 65; NTP 11th		
57-14-7	1,1-Dimethylhydrazine (UDMH)	Cancer		ROC); WA Appen1	Rocket fuel or propellant	
					·	
				Maine (EPA Final PBT Rule for		
39001-02-0	1,2,3,4,6,7,8,9-Octachlorodibenzofuran		Х	TRI; WA PBT List); WA Appen1	Furan	
				Maine (EPA Final PBT Rule for		
3268-87-9	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin		Х	TRI; WA PBT List); WA Appen1	By-product	
				Maine (EPA Final PBT Rule for		
67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran		X	TRI; WA PBT List); WA Appen1	Furan	
				Marine (SDA Steel SDT D. In Sec.		
25022 46 0	1 2 2 4 6 7 9 Hontachlorodihanza n diavin			Maine (EPA Final PBT Rule for	Combustion by product	
35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin		X	TRI; WA PBT List); WA Appen1	Combustion by-product	
				Maine (EPA Final PBT Rule for		
55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran		x	TRI; WA PBT List); WA Appen1	Furan	
33073 03 7	1,2,3,4,7,0,3 Heptacinoroalsenzoraran		^	Thi, with Bi Listy, with penil	- I didii	
				Maine (EPA Final PBT Rule for		
70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran		x	TRI; WA PBT List); WA Appen1		
				, , , , , , , , , , , , , , , , , , , ,		
				Maine (EPA Final PBT Rule for		
39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin		х	TRI; WA PBT List); WA Appen1	Dioxin	
119-64-2	1,2,3,4-Tetrahydronaphthalene (Tetralin)	Blood, Skin, Spleen		OECD - SIDS/SIAR	Solvent and industrial intermediate	Х
	1,2,3,6,7,8 Hexachlorodibenzop-dioxin					
576-53-8	[Polychlorinated dibenzo-pdioxins]		Х	Maine (WA PBT List)	Dioxin	
[10067011 11 111 6			Maine (EPA Final PBT Rule for		
57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran		X	TRI; WA PBT List); WA Appen1	Furan	



			Persistent,			
			Bioaccumulative, Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
				Maine (IRIS; EPA Final PBT Rule		
57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	Cancer	Х	for TRI); WA Appen1	Dioxin	
				Maine (FDA Final DDT Dule for		
72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran		x	Maine (EPA Final PBT Rule for TRI; WA PBT List); WA Appen1	Combustion by-product	
72310-21-3	1,2,3,7,6,3-Hexacillorodibelizordian		^	Titi, WAT BI List), WA Appelli	Combustion by-product	
				Maine (EPA Final PBT Rule for		
19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin		x	TRI; WA PBT List); WA Appen1	Combustion by-product	
	·					
				Maine (EPA Final PBT Rule for		
57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran		Х	TRI; WA PBT List); WA Appen1	Furan	
				Maine (EU Endocrine Disruptor;		
40224 76 4	4 2 2 7 0 8 - 1 - 1 1 1 1 1 1 - 1	e. d		EPA Final PBT Rule for TRI; WA	200	
40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	Endocrine system	X	PBT List); WA Appen1 Maine (EU PBT List; OSPAR	Dioxin	
				Chemicals of Concern; OSPAR	Chemical solvent for high-melting	
				Chemicals for Priority Action);	products, coolant in electrical	
87-61-6	1,2,3-trichlorobenzene		x	WA Appen1	installations	
				Maine (CA Prop 65; IARC; NTP		
				11th ROC); WA Appen1;		
96-18-4	1,2,3-Trichloropropane	Cancer, Kidney, Liver		Minnesota HRL	Paint and varnish remover, solvent	
				Maine (NWM Priority Chemicals;		
				WA PBT List; OSPAR Chemicals of		
				Concern; Canada PBiT); WA	Synthesis of 2,4,5-Trichlorophenate	
	1,2,4,5-Tetrachlorobenzene	15	X	Appen1	sodium, mfg pesticides	
615-54-3	1,2,4-Tribromobenzene	Liver	X	IRIS; WA Appen1		
				Maine (NWM Priority Chemicals;		
				EU PBT List; OSPAR Chemicals of		
				Concern; OSPAR Chemicals for	Dye carrier, degreasing agent, pesticide	
120-82-1	1,2,4-Trichlorobenzene		x	Priority Action); WA Appen1	(not EPA registered)	х
				Maine (CA Prop 65; IRIS; NTP		
				11th ROC; NTP CERHR; OSPAR		
				Chemicals of Concern; EU		
				Endocrine Disruptor; REACH		
	4.2 h	Cancer, Development,		Substance of Very High	Disting instanting both	
117 01 7	1,2-benzenedicarboxylic acid, bis(2-	Endocrine system,		Concern); WA Appen1;	Plastics, imitation leather, rainwear,	, ,
117-81-7	ethylhexyl) ester (DEHP) (DOP) (phthalate)	Reproduction	X	Minnesota HRL-EPA-MCL	footwear, upholstery, flooring	X
				Maine (OSPAR Chemicals of		
	1,2-benzenedicarboxylic acid, bis(2-			Concern); WA Appen1; REACH		
84-69-5	methylpropyl) ester	Reproduction		Substances of Very High Concern	Plasticizer	



			Persistent,			
			Bioaccumulative,			
			Toxic or very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
CAS Nulliber	Chemical Name	rieartii enupoiiit(s)	Dioaccumulative	Maine (CA Prop 65; OSPAR	Ose example(s) of class	years
				Chemicals of Concern; EU		
				Endocrine Disruptor; REACH		
				Substances of Very High		
	1,2-benzenedicarboxylic acid, butyl	Development, Endocrine		Concern); WA Appen1; HSDB;		
85-68-7	phenylmethyl ester (BBP) (phthalate)	system, Reproduction		Minnesota HRL	Plasticizer	Х
				Maine (CA Prop 65; NTP CERHR;		
				OSPAR Chemicals of Concern; EU		
				Endocrine Disruptor; REACH		
	1 ' ' '	Development, Endocrine		Substances of Very High		
84-74-2	(DBP) (phthalate)	system, Reproduction		Concern); WA Appen1	Plasticizer, epoxy resins	Х
				Maine (OSPAR Chemicals of		
27554.26.2	1,2-benzenedicarboxylic acid, diisooctyl			Concern; equivalent); WA	a	
27554-26-3	ester	Endocrine system			Plasticizer	X
				Maine (CA Prop 65; NTP 11th		
		Canada Endanina avatam		ROC; EU Reproductive Toxicant;		
06 12 8	1.2 Dibrama 2 chloroproposa (DDCD)	Cancer, Endocrine system,		EU Endocrine Disruptor); WA	Desticide (FDA reg. cancelled)	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	Reproduction		Appen1 Maine (CA Prop 65); WA	Pesticide (EPA reg. cancelled)	
					Solvent, dry-cleaning, pesticide (EPA	
78-87-5	1,2-Dichloropropane	Cancer, Respiratory system		Minnesota HRV	reg. pesticide)	
78-87-3	1,2-Dictilotopropane	Cancer, Respiratory system		Willinesota Tiitv	reg. pesticide/	
1615-80-1	1,2-Diethylhydrazine	Cancer		Maine (CA Prop 65); WA Appen1	Chemical intermediate, research	
				Maine (CA Prop 65; IARC); WA	Research, production of photographic	
540-73-8	1,2-Dimethylhydrazine	Cancer		Appen1	chemicals	
					Scavenger for chlorine-containing	
106-88-7	1,2-Epoxybutane	Respiratory system		WA Appen1; Minnesota HRV	materials, corrosion inhibitor	
	1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8,-					
	hexamethylcyclopenta[g]-2-benzopyran			EPA - HC; WA Appen1; Oregon		
1222-05-5	(HHCB)	Body Weight	Х	P3 List	Laundry detergent fragrance, fragrance	X
0074 55 =				Maine (Canada PBiT); WA		
3271-22-5	1,3,5-Triazine, 2,4-dimethoxy-6-(1-pyrenyl)-		Х	Appen1		
52424 00 0	1,3,5-triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-			Maine (OSPAR Chemicals of	Slava vata uda ut	
52434-90-9	tris(2,3-dibromopropyl)-		X	,, ,,	Flame retardant	
26602 40 7	1,3,5-triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-			Maine (OSPAR Chemicals of		
26603-40-7	tris(3-isocyanatomethylphenyl)-		X	Concern); WA Appen1		
				Maine (OSPAR Chemicals of	Dye solvent, degreasing solvent,	
				Concern; OSPAR Chemicals for	dielectric fluid, lubricant additive,	
108-70-3	1,3,5-trichlorobenzene		x	·	insecticide	
200 70 3				The state of the s		
99-35-4	1,3,5-Trinitrobenzene	Blood		WA Appen1; Minnesota HRL	Explosives, vulcanizing natural rubber	



			Persistent, Bioaccumulative, Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	1,3-Benzenedicarbonitrile, 2-[[4-[[2-					
72020 64 0	(acetyloxy)ethyl] butylamino]-2-			Maine (Canada PBiT); WA		
72828-64-9	methylphenyl]azo]-5-nitro-		X	Appen1		
				Maina (CA Dran CE, IADC, Ell		
		Cancar Davalanment		Maine (CA Prop 65; IARC; EU	Combustian tabassa smaka nalumars	
106-99-0	1.2 Butadiana	Cancer, Development,			Combustion, tobacco smoke, polymers,	
100-99-0	1,3-Butadiene 1,3-Dichloro-2,2-bis(4-methoxy-3-	Reproduction		WA Appen1; Minnesota HRV Maine (EU Endocrine disruptor);	synthetic rubber, plastics, resins	X
30668-06-5	· ·	Endocrino system				
30008-00-3	methylphenyl)propane	Endocrine system		WA Appen1		
				Maine (CA Prop 65; IRIS; NTP		
				11th ROC); WA Appen1;		
542-75-6	1,3-Dichloropropene	Cancer, Respiratory system			 Pesticide	
342 73 0	1,5 Dichioroproperie	Development,		Willing Sota Fire, Willing Sota Fire	Production of high molecular weight	
646-06-0	1,3-Dioxolane	Reproduction		EPA - HC	polyacetals	х
102-06-7	1,3-Diphenylguanidine	Reproduction		OECD - SIDS/SIAR	Vulcanization accelerator	X
102 00 7	1,3-isobenzofurandione, 4,5,6,7-	Reproduction		Maine (OSPAR Chemicals of	Valeating accelerator	A
632-79-1	tetrabromo-		x	Concern); WA Appen1	 Flame retardant	х
032 73 1	tetrabionio		^	Maine (CA Prop 65; NTP 11th	Traine retardant	^
1120-71-4	1,3-Propane sultone	Cancer		ROC); WA Appen1	Chemical intermediate	
1120 /1 4	1,5 i ropane suitone	Eyes, Respiratory system,		NOC), WA APPENI	Chemical intermediate	
106-50-3	1,4-Benzenediamine	Skin		HSDB; WA Appen1	Hair dye, dyeing furs, photochemicals	x
100 30 3	1,4-benzenediamine, N-(1,4-			Maine (OSPAR Chemicals of	Train dye, dyeing rars, priotoeriennous	Α
3081-01-4	dimethylpentyl)-N'-phenyl-		x	Concern); WA Appen1	Polymerization inhibitor	x
	1,4-benzenediamine, N,N,N'-tris(1-			Maine (OSPAR Chemicals of		
64381-97-1	methylpropyl)-		X	Concern); WA Appen1	Gasoline additive	
	1,4-benzenediamine, N,N'-bis(1-ethyl-3-			Maine (OSPAR Chemicals of		
139-60-6	methylpentyl)-		x	Concern); WA Appen1	Fuel additive	
	, , , ,			Maine (OSPAR Chemicals of		
	1,4-benzenediamine, N,N'-di-2-			Concern; Canada PBiT); WA		
93-46-9	naphthalenyl- (Diafen NN)		x	Appen1		
	1,4-Benzenediamine, N,N'-mixed Ph and			Maine (Canada PBiT); WA		
68953-84-4	tolyl derivs.		х	Appen1		х
	1,4-Benzenediamine, N,N'-mixed tolyl and			Maine (Canada PBiT); WA		
68478-45-5	xylyl derivs.		х	Appen1	Antioxidant, corrosion inhibitor	
					Hydrogenation to butanaediol and	
					betenediol intermediate of synthesis of	
		Eyes, Kidney, Liver,			polyols, insecticides, pharmaceuticals,	
110-65-6	1,4-Butynediol	Respiratory system, Skin		HSDB; WA Appen1	paint, corrosion inhibitor	Х
					Organic synthesis of dyestuffs and	
106-37-6	1,4-Dibromobenzene	Liver		IRIS; WA Appen1	pharmaceuticals	
					Chemical intermediate resolving oil in	
764-41-0	1,4-Dichloro-2-butene	Cancer		Maine (CA Prop 65); WA Appen1	water mixtures	



			Persistent,			
			Bioaccumulative,			
			Toxic or very Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
CAS Number	Chemical Name	nearth enapolit(s)	Dioaccumulative	Maine (CA Prop 65; IRIS; NTP	Stabilizer for chlorinated solvents,	years
		Cancer, Eyes, Respiratory		11th ROC); WA Appen1; WA	solvent, wetting and dispersing agent,	
123-91-1	1,4-Dioxane	system		CHCC; Minnesota HRV	solvent of pulping wood	х
123 31 1	1,4-pentanediamine, N4-(6-chloro-2-	System		erree, willingsoca riikv	solvent or parping wood	A
	methoxy-9-aziridinyl)-N1,N1-diethyl-,			Maine (OSPAR Chemicals of		
69-05-6	dihydrochloride		х	Concern); WA Appen1	 Research	
				The state of the s		
				Maine (OSPAR Chemicals of		
				Concern; OSPAR Chemicals for		
4904-61-4	1,5,9-cyclododecatriene		x	Priority Action); WA Appen1	Feedstock	X
				Maine (CA Prop 65; NTP 11th		
42397-64-8	1,6-Dinitropyrene	Cancer		ROC); WA Appen1	Combustion by-product	
		Eyes, Respiratory system,		OECD - SIDS/SIAR; WA Appen1;		
822-06-0	1,6-Hexamethylene diisocyanate	Skin		Minnesota HRV	Industrial surface coatings	X
					Chemical intermediate, crosslinking	
13048-33-4	1,6-Hexanediol diacrylate	Skin		HSDB	agent	х
	1,7-Naphthalenedisulfonic acid, 6-[[2-(2-					
	cyclohexylphenoxy) phenyl]azo]-4-[[(2,4-					
	dichlorophenoxy)acetyl]amino]-5-hydroxy-			Maine (Canada PBiT); WA		
83027-52-5	, disodium salt		X	Appen1		
	1,7-Naphthalenedisulfonic acid, 6-[[2-(4-					
	cyclohexylphenoxy) phenyl]azo]-4-[[(2,4-					
	dichlorophenoxy)acetyl]amino]-5-hydroxy-			Maine (Canada PBiT); WA		
83027-51-4	, disodium salt		Х	Appen1		
				Maine (CA Prop 65; NTP 11th		
42397-65-9	1,8-Dinitropyrene	Cancer		ROC); WA Appen1	Combustion by-product	
				Maine (CA Prop 65; NTP 11th		
81-49-2	1-Amino-2,4-dibromoanthraquinone	Cancer		ROC); WA Appen1	Dye	
02.20.0	1 Amino 2 months do nath monsission on	Company		Maine (CA Prop 65; NTP 11th	Chancias Lintanas diata fan duas	
82-28-0	1-Amino-2-methylanthraquinone	Cancer		ROC); WA Appen1	Chemical intermediate for dyes Solvent for fats, waxes or resins,	
		Dovolonment		Maine (CA Prop 65; NTP CERHR);	chemical intermediate for	
106-94-5	1-Bromopropane	Development, Reproduction		WA Appen1	pharmaceuticals, insecticides	
100 34-3	1-butanesulfonyl fluoride, 1,1,2,2,3,3,4,4,4-	пергоцисион		Maine (OSPAR Chemicals of	Chemical synthesis, chemical	
375-72-4	nonafluoro-		x	Concern); WA Appen1	intermediate	
3,3 72 4	1-chloro-2-(chloromethyl)benzene		, A	Concern, Withpens	cimediace	
611-19-8	(ochlorobenzyl chloride; OCBC)	Kidney, Respiratory system		OECD - SIDS/SIAR	Chemical intermediate	х
	,,	- // Sept. 200. j 0 j 0 0 0 11				
100-00-5	1-Chloro-4-nitrobenzene	Cancer		Maine (CA Prop 65); WA Appen1	Chemical mfg of dyestuffs, insecticides	
					Solvent, production of organolithium	
109-69-3	1-chlorobutane	Reproduction		OECD - SIDS/SIAR; WA Appen1	compound, butylating agent	Х
	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,			Maine (Canada PBiT); WA		
678-39-7	9,10,10,10-heptadecafluoro-		х	Appen1		



			Persistent,			
			Bioaccumulative,			
			Toxic or very Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	411 B					
	1H-Benzimidazolium, 5,6-dichloro-2-[3-(5,6-dichloro-1,3-diethyl-1,3-dihydro-2H-					
	benzimidazol-2-ylidene)-1-propenyl]-1-			Maine (Canada PBiT); WA		
28118-10-7	ethyl-3-(3-sulfobutyl)-, hydroxide, inner salt		x	Appen1	Laser dye	
20110 10 7	1-Heptanesulfonamide,		,	преп		
	1,1,2,2,3,3,4,4,5,5,6,6,7, 7,7-					
	pentadecafluoro-N-(2-hydroxyethyl)-N-			Maine (Canada PBiT); WA		
68555-76-0	methyl-		х	Appen1	PFC	
	1-Heptanesulfonamide,					
	1,1,2,2,3,3,4,4,5,5,6,6,7, 7,7-			Maine (Canada PBiT); WA		
68259-14-3	pentadecafluoro-N-methyl-		Х	Appen1	PFC	
	1-Heptanesulfonamide, N-[3-					
	(dimethylamino)propyl] - 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-			Maine (Canada PBiT); WA		
67940-02-7	pentadecafluoro- , monohydrochloride		x	Appen1	PFC	
07540 02 7	1-Heptanesulfonamide, N-ethyl-		, A	Аррент		
	1,1,2,2,3,3,4,4,5, 5,6,6,7,7,7-			Maine (Canada PBiT); WA		
68957-62-0	pentadecafluoro-		x	Appen1	PFC	
	1-Heptanesulfonamide, N-ethyl-					
	1,1,2,2,3,3,4,4,5, 5,6,6,7,7,7-			Maine (Canada PBiT); WA		
68555-73-7	pentadecafluoro-N-(2-hydroxyethyl)-		Х	Appen1	PFC	
	1-Heptanesulfonic acid,					
60050 07 4	1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-			Maine (Canada PBiT); WA		
68259-07-4	pentadecafluoro-, ammonium salt		Х	Appen1	PFC	
	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-					
	pentadecafluoro-, compd. with 2,2'-			Maine (Canada PBiT); WA		
70225-15-9	iminobis[ethanol] (1:1)		x	Appen1		
	1-Hexanesulfonamide,					
	1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-N-(2-			Maine (Canada PBiT); WA		
68555-75-9	hydroxyethyl)-N-methyl-		х	Appen1	PFC	
	1-Hexanesulfonamide,					
	1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-			Maine (Canada PBiT); WA		
68259-15-4	methyl-		Х	Appen1	PFC	
	1-Hexanesulfonamide, N-ethyl-			Maine (Canada DDiT): \\A		
34455-03-3	1,1,2,2,3,3,4,4,5, 5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-		x	Maine (Canada PBiT); WA Appen1		
555 05-5	1-hexanesulfonyl fluoride,		^	Maine (OSPAR Chemicals of	Chemical synthesis, chemical	
423-50-7	1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-		x	Concern); WA Appen1	intermediate	
	1H-Imidazole-1-ethanol, α-(2,4-					
	dichlorophenyl) -α-[2-(2,4-			Maine (Canada PBiT); WA		
108004-27-9	dichlorophenyl)cyclopropyl]-, $[1\alpha(R),2\beta]$ -		Х	Appen1		



			Persistent,			
			Bioaccumulative,			
			Toxic or very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
CAS ITAIIISCI	Chemical Name	ricaitii chaponit(3)	Dioaccamatative	Maine (OSPAR Chemicals of	Osc example(s) of class	yearsy
	1H-indene, 2,3-dihydro-1,1,3,3,5-			Concern; Canada PBiT); WA		
116-66-5	pentamethyl-4,6-dinitro- (Moskene)		х	Appen1	PAH - musk compound	
129-43-1	1-Hydroxyanthraquinone	Cancer		Maine (CA Prop 65); WA Appen1	Production of dyes and pharmaceuticals	
	1 Nanhthalanamina 4 [/2 hrama 4 6			Maine (Canada DRIT), WA		
70660-55-8	1-Naphthalenamine, 4-[(2-bromo-4,6-dinitrophenyl) azo]-N-(3-methoxypropyl)-		x	Maine (Canada PBiT); WA Appen1	Dye	
				, 10 p s		
	1-Naphthalenediazonium, 4-[[4-[(4-nitro-2-					
	sulfophenyl) amino]phenyl]azo]-6-sulfo-,					
	chloride, reaction products with formaldehyde and salicylic acid, ammonium			Maine (Canada PBiT); WA		
114910-04-2	sodium salts		x	Appen1		
11/310 012	1-Naphthalenemethanol, α,α-bis[4-		,	Maine (Canada PBiT); WA		
1325-86-6	(diethylamino) phenyl]-4-(ethylamino)-		х	Appen1		
	1-Naphthalenemethanol, α,α-bis[4-					
	(dimethylamino) phenyl]-4-			Maine (Canada PBiT); WA		
1325-85-5	(methylphenylamino)-		Х	Appen1		
	1-Naphthalenemethanol, α,α-bis[4-			Maine (Canada PBiT); WA		
6786-83-0	(dimethylamino) phenyl]-4-(phenylamino)-		x	Appen1	Colorants	
	1-Naphthalenepropanol, α-					
	ethenyldecahydro- 2-hydroxy-α,2,5,5,8a-			Maine (Canada PBiT); WA		
515-03-7	pentamethyl-, [1R-[1 α (R),2ß,4aß,8a α]]- 1-Naphthalenesulfonic acid, 4-hydroxy-3-		X	Appen1	Perfume, cosmetics	
	[[4'-[(1-hydroxy- 5-sulfo-2-					
	naphthalenyl)azo]-3,3'-dimethyl[1,1' -			Maine (Canada PBiT); WA		
6420-06-0	biphenyl]-4-yl]azo]-, disodium salt		x	Appen1	Dye	
	1-Naphthalenol, 4-[(4-ethoxyphenyl)azo]-			Maine (Canada PBiT); WA		
6535-42-8	(C.I. Solvent Red 3)		Х	Appen1	Dye	
134-32-7	1-Naphthylamine	Cancer		Maine (CA Prop 65); WA Appen1	Chemical intermediate for dyes,	
	1-Nonanesulfonic acid,			The fact the say, with pent		
	1,1,2,2,3,3,4,4,5,5,6,6,7, 7,8,8,9,9,9-			Maine (Canada PBiT); WA		
17202-41-4	nonadecafluoro-, ammonium salt		х	Appen1		
	1-Octanesulfonamide,					
	1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-					
24449 00 7	heptadecafluoro-N-(2-hydroxyethyl)-N-methyl -		V	Maine (Canada PBiT); WA	DEC	
24448-09-7	1-octanesulfonamide, N-ethyl-		X	Appen1 Maine (OSPAR Chemicals of	PFC	
	1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-			Concern; Canada PBiT); WA		
1691-99-2	heptadecafluoro-N-(2-hydroxyethyl)-		x	Appen1	Chemical intermediate	



			Persistent,			
			Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	1-octanesulfonamide, N-ethyl-					
	1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-			Maine (OSPAR Chemicals of		
	heptadecafluoro-N-[2-			Concern; Canada PBiT); WA		
67969-69-1	(phosphonooxy)ethyl]-, diammonium salt		х	Appen1	PFC	
	1-Octanol, 3,3,4,4,5,5,6,6,7,7,8,8,8-			Maine (Canada PBiT); WA		
647-42-7	tridecafluoro-		Х	Appen1		
	1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5			Maine (Canada PBiT); WA		
68298-13-5	undecafluoro-N-methyl-		Х	Appen1	PFC	
	1-Pentanesulfonamide, N-ethyl-					
	1,1,2,2,3,3,4,4,5, 5,5-undecafluoro-N-(2-			Maine (Canada PBiT); WA		
68555-72-6	hydroxyethyl)-		X	Appen1	PFC	
	1-Propanaminium, 3-					
	[[(heptadecafluorooctyl) sulfonyl]amino]-			Maine (Canada PBiT); WA		
38006-74-5	N,N,N-trimethyl-, chloride		Х	Appen1		
	1-Propanaminium, 3-					
	[[(heptadecafluorooctyl) sulfonyl]amino]-			Maine (Canada PBiT); WA		
1652-63-7	N,N,N-trimethyl-, iodide		Х	Appen1		
	1-Propanaminium, 3-[[4-[(2,4-					
	dimethylphenyl) amino]-9,10-dihydro-9,10-					
	dioxo-1-anthracenyl]amino]-N,N,N-			Maine (Canada PBiT); WA		
60352-98-9	trimethyl-, methyl sulfate		Х	Appen1		
	1-Propanaminium, 3-[[9,10-dihydro-4-[(4-					
	methylphenyl) amino]-9,10-dioxo-1-					
	anthracenyl]amino] -N,N,N-trimethyl-,			Maine (Canada PBiT); WA		
72828-93-4	methyl sulfate		Х	Appen1		
68511-50-2	1-Propene, 2-methyl-, sulfurized	Blood, Skin		EPA - HC	Lubricants, functional fluids	Х
				Maine (OSPAR Chemicals of		
6842-15-5	1-propene, tetramer		Х	Concern); WA Appen1		
				Maine (OSPAR Chemicals of		
1606-67-3	1-pyrenamine		Х	Concern); WA Appen1		
95-57-8	2 - Chlorophenol	Development		WA Appen1; Minnesota HRL	Organic synthesis, disinfectant	
				WA Appen1; Minnesota HRL -		
93-72-1	2-(2,4,5-Trichlorophenoxy) propionic acid	Liver		EPA-MCL	Pesticide (EPA reg. cancelled)	
					Chemical intermediate for surfactants,	
					personal care products,	
111-41-1	2-(2-aminoethylamino)ethanol (AEEA)	Development, Skin		OECD- SIDS/SIAR	pharmaceuticals, cleaning agents	Х
	2-(2-Formylhydrazino)-4-(5-nitro-2-					
3570-75-0	furyl)thiazole	Cancer		Maine (CA Prop 65); WA Appen1		
	2-(2H-Benzotriazol-2-yl)-4,6-bis(1-methyl-1-				Industrial additive for polymers and	
70321-86-7	phenylethyl) phenol	Liver	1	EPA - HC	coatings	X



			Persistent, Bioaccumulative,			
			Toxic or very			
CAC Namely and	Chaminal Nama	Haalth andnaint/al	Persistent, very	Carrag(a)	Han avenuela (a) an alama	HPV (2006 and 3 of 4
CAS Number	Chemical Name 2,2,4-Trimethyl-1,3-pentanediol	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
6846-50-0	diisobutyrate	Kidney, Liver		OECD - SIDS/SIAR	Plasticizer	x
0840-30-0	2,2,5-endo,6-exo,8,9,10-	Ridiley, Livei		Maine (OSPAR Chemicals of	r iasticizei	^
51775-36-1	heptachloronorbornane		x	Concern); WA Appen1		
31773 30 1	2,2'-bis(2-(2,3-epoxypropoxy)phenyl)-		, A	Maine (EU Endocrine Disruptor);		
25036-25-3	propane	Endocrine system		WA Appen1	Formation of epoxy resins	
23030 23 3	2,2-Bis(4-hydroxyphenyl)-n-butan =	Znacenie system		Maine (EU Endocrine Disruptor);	Torridation of epoxy resins	
77-40-7	Bisphenol B	Endocrine system		WA Appen1	Plastic component	
				Maine (CA Prop 65; NTP 11th		
3296-90-0	2,2-Bis(bromomethyl)-1,3-propanediol	Cancer		ROC); WA Appen1	Flame retardant	
	, , , , , , , , , , , , , , , , , , , ,	Adrenal, Eyes, Liver,			Refrigerant, air conditioning, fire	
306-83-2	2,2-Dichloro-1,1,1-trifluoroethane	Pancreas, Reproduction		EPA - HC	fighting	x
	2,3,3',4,4',5,5' Heptachlorobiphenyl			Maine (WA PBT List); WA	3 0	
39365-31-9	[Polychlorinated biphenyls (PCBs)]		x	Appen1	РСВ	
	, , , , , , , , , , , , , , , , , , , ,			1 '		
				Maine (EPA Final PBT Rule for		
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobiphenyl		x	TRI); WA Appen1; Oregon P3 List	РСВ	
				Maine (EPA Final PBT Rule for		
				TRI; WA PBT List); WA Appen1;		
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl		x	Oregon P3 List	РСВ	
	,			Maine (EPA Final PBT Rule for		
				TRI; WA PBT List); WA Appen1;		
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl		х	Oregon P3 List		
				Maine (EU Endocrine Disruptor;		
				EPA Final PBT Rule for TRI; WA		
				PBT List); WA Appen1; Oregon		
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl	Endocrine system	x	P3 List	РСВ	
				Maine (EPA Final PBT Rule for		
				TRI; WA PBT List); WA Appen1;		
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl		х	Oregon P3 List	PCB	
				Maine (EU Endocrine Disruptor;		
				EPA Final PBT Rule for TRI; WA		
				PBT List); WA Appen1; Oregon		
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl	Endocrine system	Х	P3 List	PCB	
				Maine (EPA Final PBT Rule for		
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl		Х	TRI); WA Appen1; Oregon P3 List	РСВ	
				Maine (EU Endocrine Disruptor;		
				EPA Final PBT Rule for TRI; WA		
				PBT List); WA Appen1; Oregon		
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl	Endocrine system	Х	P3 List	PCB	
				Maine (EPA Final PBT Rule for		
60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran		X	TRI; WA PBT List); WA Appen1	Furan	
58-90-2	2,3,4,6-Tetrachlorophenol	Liver		IRIS; WA Appen1	Pesticide, preservative	



			Persistent,			
			Bioaccumulative,			
			Toxic or very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
CAS Italiisei	Chemical Hame	ricaitii chaponit(3)	Dioaceamatative	30urec(3)	Ose example(s) of class	yearsy
				Maine (EU Endocrine Disruptor;		
				EPA Final PBT Rule for TRI; WA		
57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	Endocrine system	Х	PBT List); WA Appen1	Furan	
	2,3,7,8-tetrabromodibenzofuran [Polybrominated dibenzodioxins and			Maine (WA PBT List); WA		
67733-57-7	[Forybronninated dibenzodioxins and furans]		x	Appen1	 Furan	
07733 37 7	2,3,7,8-tetrabromodibenzo-pdioxin		, , , , , , , , , , , , , , , , , , ,	Appeni	- aran	
	[Polybrominated dibenzodioxins and			Maine (EU Endocrine Disruptor;		
50585-41-6	furans]	Endocrine system	х	WA PBT List); WA Appen1	Dioxin	
51207-31-9	2,3,7,8-Tetrachlorodibenzofuran		V	Maine (EPA Final PBT Rule for TRI; WA PBT List); WA Appen1	Furan	
31207-31-9	2,3,7,8-1etraciiiorouiberizorurari		X	TRI, WA FBT LIST), WA Appelli	ruidii	
				Maine (CA Prop 65; IARC; NTP		
				11th ROC; EU Endocrine		
				Disruptor; EPA Final PBT Rule		
				for TRI; NWM Priority Chemicals;		
				WA PBT List; OSPAR Chemicals of		
1746-01-6	2.2.7.0 Totrochlorodihonzo n diovin	Cancer, Development,		Concern); WA Appen1; Oregon P3 List	Combustion by product	
1740-01-0	2,3,7,8-Tetrachlorodibenzo-p-dioxin	Endocrine system	X	P3 LIST	Combustion by-product	
				Maine (CA Prop 65; NTP 11th	Production of tris(1,2,3-dibromopropyl)	
96-13-9	2,3-Dibromo-1-propanol	Cancer		ROC); WA Appen1	phosphate, flame retardants	
		Cardiovascular system,				
616-23-9	2,3-Dichloropropanol	Kidney, Liver		IRIS; WA Appen1	Production of epichlorohydrin	
	2,4,10-Trioxa-7-azaundecan-11-oic acid, 7- [4-[(2,6-dichloro-4-nitrophenyl) azo]-3-			Maine (Canada PBiT); WA		
73003-64-2	methylphenyl]-3-oxo-, methyl ester		x	Appen1		
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
	2,4,11,13-Tetraazatetradecanediimidamide,					
	N,N"-bis(4-chlorophenyl)-3,12-diimino-,			Maine (Canada PBiT); WA		
56-95-1	diacetate		Х	Appen1	Biocide	
				Maine (NWM Priority Chemicals;		
				OSPAR Chemicals of Concern);		
95-95-4	2,4,5-Trichlorophenol		x	WA Appen1; Oregon P3 List	Preservative	
93-76-5	2,4,5-Trichlorophenoxyacetic acid	Blood, Development		WA Appen1; Minnesota HRL	Pesticide (EPA reg. cancelled)	
	2.4.6.1			Maine (OSPAR Chemicals of		
26065 20 2	2,4,6-bromophenyl 1-2(2,3-dibromo-2-		V	Concern; OSPAR Chemicals for	DCD	
36065-30-2 118-79-6	methylpropyl) 2,4,6-tribromophenol	Eyes, Kidney	X	Priority Action); WA Appen1 OECD - SIDS/SIAR	PCB Flame retardant	v
±±0 / 9=0	2,7,0 thoromophenoi	Lycs, Mulicy	[סבכם אוסאלאועונ	rianic retardant	X



			Persistent, Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
				Maine (CA Prop 65; IRIS; NTP		
				11th ROC); WA Appen1; Oregon	Pesticide (FPA reg. cancelled)	
88-06-2	2,4,6-Trichlorophenol	Cancer	x	P3 List; Minnesota HRL	preservative, antimicrobial	
	, , , , , , , , , , , , , , , , , , , ,				, , , , , , , , , , , , , , , , , , , ,	
				Maine (OSPAR Chemicals of		
				Concern; OSPAR Chemicals for		
				Priority Action; Canada PBiT);		
732-26-3	2,4,6-tri-tert-butylphenol		Х	WA Appen1; Oregon P3 List	Personal care products, medical devices	Х
118-96-7	2,4.6-Trinitrotoluene (TNT)	Cancer		CA Prop 65; WA Appen1	Explosive	
				Maine (EU Endocrine Disruptor);		
35693-92-6	2,4-6-trichlorobiphenyl	Endocrine system		WA Appen2		
				Maine (CA Prop 65; EU		
		Endocrine system,		Endocrine Disruptor); WA		
94-82-6	2,4-D butyric acid	Reproduction		Appen1	Pesticide	
C4 F OF 4	2 4 Diamin annianta	C		Adding (CA Duny CE), MAA Annoud	Preparation of hair and fur dyes,	
615-05-4	2,4-Diaminoanisole	Cancer		1 7 11	corrosion inhibitor for steel	
39156-41-7	2 4 Diaminoanisalo sulfato	Cancor		Maine (CA Prop 65; NTP 11th	Diagnostic agents due	
39130-41-7	2,4-Diaminoanisole sulfate	Cancer		ROC); WA Appen1 Maine (CA Prop 65; NTP 11th	Diagnostic agents, dye Preparation of toluene isocynates,	
95-80-7	2,4-Diaminotoluene	Cancer		ROC); WA Appen1; WA CHCC	photographic developer	
33 60 7	2,4 Diaminotolicine	Caricer		Nocj, WA Appeni, WA circe	priotographic developer	
					Synthesis of antihelminthics, feedstock	
					for mothproofing antiseptics, organic	
120-83-2	2,4-Dichlorophenol	Immune system		WA Appen1; Minnesota HRL	chemical synthesis	
94-75-7	2,4-Dichlorophenoxyacetic acid (2,4-D)	Blood, Kidney, Liver		WA Appen1; Minnesota HRL	Pesticide	
	2,4-Dihydroxybenzophenon =			Maine (EU Endocrine Disruptor);		
131-56-6	Resbenzophenone	Endocrine system		WA Appen1	UV screen	
					Dyes and diaminophenol mfg, wood	
51-28-5	2,4-Dinitrophenol	Eyes		WA Appen1; Minnesota HRL	preservation, pesticide, pharmaceutical	
	2,4-Hexadienal (89% trans, trans isomer;					
142-83-6	11% cis, trans isomer)	Cancer		Maine (CA Prop 65); WA Appen1		
				Maine (CA Prop 65; EU		
	2.4 avanalidinading 2.72.5	Company Development		Endocrine Disruptor; OSPAR		
F0471 44 9	2,4-oxazolidinedione, 3-(3,5-	Cancer, Development,		Chemicals of Concern); WA	Docticido	
50471-44-8 583-78-8	dichlorophenyl)-5-ethenyl-5-methyl- 2,5-Dichlorophenol	Endocrine System Blood, Liver		Appen1 HSDB	Pesticide Chemical intermediate for dicamba	v
303-70-0	2,6-cis-	bioou, Livei		11300	Chemical intermediate for dicamba	X
	Diphenylhexamethylcyclotetrasiloxane - 2,6-			Maine (EU Endocrine Disruptor);		
33204-76-1	cis-[(PhMeSiO)2(Me2SiO)2]	Endocrine system		WA Appen1		
5525.751	5.5 [165.6]2[62.56]2]	Body weight, kidney, liver,				
576-26-1	2,6-Dimethylphenol	spleen		IRIS; WA Appen1	Starting material for phenolic resins	х
3,0201	2,0 Difficulty priction	эріссіі		inio, withpens	Starting material for prictione results	^



CAS Number Chemical Name Health endpoint(s) Chemical Name Chemical Name Chemical Name Chemical Name Chemical Name Chemical Intermediate for toluene diamine, gelatinizing and waterpro Cancer Maine (CA Prop 65); WA Appen1 Antioxidant for synthetic rubbers, plastics, soaps, used in packaging Cancer Maine (CA Prop 65); WA Appen1 Antioxidant for synthetic rubbers, plastics, soaps, used in packaging Cancer Maine (CA Prop 65); WA Appen1 Intermediate in chemical mfg Cancer Maine (CA Prop 65); WA Appen1 Intermediate in chemical mfg Cancer Maine (Canada PBiT); WA Appen1 Dye 2,7-Naphthalenedisulfonic acid, 4-amino-3- [[4"-[(2,4-diaminophenyl) azo][1,1"- biphenyl-4-yl]azo]-5-hydroxy-6- (phenylazo], disodium salt (C.I. DIRECT BLACK 38) Cancer X PBiT); WA Appen1 Dye 2,7-Naphthalenedisulfonic acid, 4-amino-5- hydroxy-6-[[4"-[(4-hydroxyphenyl)]azo]-3,3"- dimethyl[1,1"-biphenyl]-4-yl]azo]-3-[(4- 68400-36-2) Maine (Canada PBiT); WA Appen1 Dye	
CAS Number Chemical Name Health endpoint(s) Bioaccumulative Source(s) Use example(s) or class Chemical Intermediate for toluene- diamine, gelatinizing and waterpro 2,6-di-tertbutyl-p-cresol (BHT) Butylated Hydroxytoluene Liver, Thyroid OECD - SIDS/SIAR Appen1 2,6-di-tertbutyl-p-cresol (BHT) Butylated Hydroxytoluene Liver, Thyroid OECD - SIDS/SIAR Appen1 2,6-di-tertbutyl-p-cresol (BHT) Butylated Hydroxytoluene Liver, Thyroid OECD - SIDS/SIAR plastics, soaps, used in packaging 87-62-7 2,6-Xylidine (2,6-Dimethylaniline) Cancer Maine (CA Prop 65); WA Appen1 Intermediate in chemical mfg 2,7-Naphthalenedisulfonic acid, 3-[[2,2'- dimethyl-4'-[[4-[[4- methylpheny]sulfonyl]oxy]phenyl]azo][1,1'- biphenyl]-4-yl]azo]-4-hydroxy-, disodium Salt X Appen1 Dye 2,7-Naphthalenedisulfonic acid, 4-amino-3- [[4'-[(2,4-diaminophenyl) azo][1,1'- biphenyl]-4-yl]azo]-5-hydroxy-6- (phenylazo)-, disodium salt (C.I. DIRECT BLACK 38) Cancer X PBiT); WA Appen1 Dye 2,7-Naphthalenedisulfonic acid, 4-amino-5- hydroxy-6-[[4'-[(4-hydroxyphenyl)azo]-3,3'- dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4- dimethyl-1,1'-biphenyl)-4-yl]azo]-3-[(4- dimethyl-1,1'-	years) ¹
diamine, gelatinizing and waterpro agent 2,6-Dinitrotoluene 2,6-di-tertbutyl-p-cresol (BHT) Butylated Hydroxytoluene Liver, Thyroid 2,6-Xylidine (2,6-Dimethylaniline) 2,7-Naphthalenedisulfonic acid, 3-{[2,2'-dimethyl-4'-[[4- [4-methyl-4'-[4-yl]azo]-3-4-hydroxy-6-[[4'-(2,4-diaminophenyl) azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)-, disodium salt (C.I. DIRECT 1937-37-7 BLACK 38) Cancer Maine (CA Prop 65); WA Appen1 Maine (CA Prop 65); WA Appen1 Maine (Canada PBiT); WA Appen1 Maine (CA Prop 65); WA Appen1 Maine (Canada PBiT); WA Appen1 Dye 2,7-Naphthalenedisulfonic acid, 4-amino-3- [[4'-(2,4-diaminophenyl) azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6- (phenylazo)-, disodium salt (C.I. DIRECT BLACK 38) Cancer x PBiT); WA Appen1 Dye 2,7-Naphthalenedisulfonic acid, 4-amino-5- hydroxy-6-[[4'-(4-hydroxyphenyl)azo]-3,3'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4- dimethylazo]-3,3'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4- dimethylazo]-3,3'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4- dimethylazo]-3,3'-dimethylazo]-3,	
606-20-2 2,6-Dinitrotoluene Cancer Maine (CA Prop 65); WA Appen1 agent 2,6-di-tertbutyl-p-cresol (BHT) Butylated Hydroxytoluene Liver, Thyroid DECD - SIDS/SIAR Plastics, soaps, used in packaging 87-62-7 2,6-Xylidine (2,6-Dimethylaniline) Cancer Maine (CA Prop 65); WA Appen1 Intermediate in chemical mfg 2,7-Naphthalenedisulfonic acid, 3-[[2,2'-dimethyl-4'-[[4- [[(4-methyl-dyl)azo]-4-hydroxy-, disodium salt (C.I. DIRECT (phenylazo)-, disodium salt (C.I. DIRECT (phenylazo)-3,3'-dimethyl[1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-[[4'- [(4-hydroxyphenyl)azo]-3,3'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4- [(4-hydroxyphenyl)azo]-3,1'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4- [(4-hydroxyphenyl)azo]-3,1'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4- [(4-hydroxyphenyl)azo]-3,1'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4- [(4-hydroxyphenyl)azo]-3,1'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4- [(4-hydroxyphenyl)azo]-3,1'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4- [(4-hydroxyphenyl)azo]-3,1'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4- [(4-hydroxyphenyl)azo]-3,1'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4- [(4-hydroxyphenyl)azo]-3,1'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4- [(4-hydroxyphenyl)azo]-3,1'-dimethyl[1,1'-biphenyl]-4-yl]azo	ofing
2,6-di-tertbutyl-p-cresol (BHT) Butylated Hydroxytoluene Liver, Thyroid DECD - SIDS/SIAR Antioxidant for synthetic rubbers, plastics, soaps, used in packaging Plastics, soaps, used in packaging Antioxidant for synthetic rubbers, plastics, soaps, used in packaging Plastics, soaps, used in packaging Antioxidant for synthetic rubbers, plastics, soaps, used in packaging Maine (CA Prop 65); WA Appen1 Intermediate in chemical mfg 2,7-Naphthalenedisulfonic acid, 3-[[2,2'-dimethyl-4'-[[4-[[(4-methyl-4-yl]azo]-4-hydroxy-, disodium salt x Appen1 Dye 2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4'-[(2,4-diaminophenyl) azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)-, disodium salt (C.I. DIRECT BLACK 38) Antioxidant for synthetic rubbers, plastics, soaps, used in packaging Maine (CA Prop 65); WA Appen1 Dye Maine (Canada PBiT); WA Appen1 Dye Maine (CA Prop 65); Canada PBiT); WA Appen1 Dye Maine (Canada PBiT); WA Appen1 Dyestuff	•
128-37-0 Hydroxytoluene Liver, Thyroid OECD - SIDS/SIAR plastics, soaps, used in packaging 87-62-7 2,6-Xylidine (2,6-Dimethylaniline) 2,7-Naphthalenedisulfonic acid, 3-[[2,2'-dimethyl-4'-[[4-[(4-methylphenyl]suflonyl]oxy]phenyl]azo][1,1'-biphenyl]-4-yl]azo]-4-hydroxy-, disodium 6358-57-2 salt 2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4'-[(2,4-diaminophenyl) azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy -6-(phenylazo)-, disodium salt (C.I. DIRECT 1937-37-7 BLACK 38) Amaine (CA Prop 65); WA Appen1 Dye Appen1 Dye 2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-6-[[4'-[(4-hydroxyphenyl)azo]-3,3'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-diaminophenyl)azo]-3,3'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-diaminophenyl)azo]-3,1'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-diaminophenyl)azo]-3,0'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-diaminophenyl)azo]-3,0'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-diaminophenyl)azo]-3,0'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-diaminophenyl)azo]-3,0'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-diaminophenyl)azo]-3,0'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-diaminophenyl)azo]-3,0'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-diaminophenyl)azo]-3,0'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-diaminophenyl)azo]-3,0'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-diaminophenyl)azo]-3,0'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-diaminophenyl)azo]-3,0'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-diaminophenyl)azo]-3,0'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-diaminophenyl)azo]-3,0'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-diaminophenyl)azo]-3,0'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-diaminophenyl)azo]-3,0'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-diaminophenyl)azo]-3,0'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-diaminophenyl)azo]-3,0'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-diaminophenyl)azo]-3,0'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-diaminophenyl)azo]-3,0'-dimethyl[1,1'-diaminophenyl]-4-yl]azo]-3-[(4-diaminophenyl)azo]-3,0'-diaminophenyl]-4-yl]azo]-3,0'-dimethyl[1,1'-diaminophenyl]-4-yl]azo]-3,0'-diaminophenyl]-	
87-62-7 2,6-Xylidine (2,6-Dimethylaniline) 2,7-Naphthalenedisulfonic acid, 3-[[2,2'-dimethyl-4'-[[4- [[4- [[4- methylpenyl]sulfonyl]oxy]phenyl]azo][1,1'-biphenyl]-4-yl]azo]-4-hydroxy-, disodium 6358-57-2 salt x Appen1 Dye 2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4'-[(2,4-diaminophenyl) azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)-, disodium salt (C.I. DIRECT	x
2,7-Naphthalenedisulfonic acid, 3-[[2,2'-dimethyl-4'-[[4-[(4-methylphenyl)sulfonyl]oxy]phenyl]azo][1,1'-biphenyl]-4-yl]azo]-4-hydroxy-, disodium 6358-57-2 salt x Appen1 Dye 2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4'-[(2,4-diaminophenyl) azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)-, disodium salt (C.I. DIRECT x PBiT); WA Appen1 Dye 2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-6-[(4'-[(4-hydroxyphenyl)azo]-3,3'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3,3'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3,3'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-nitrophenyl)azo]-, disodium salt x Appen1 Dyestuff	^
dimethyl-4'-[[4- [[4- methyl-henyl]sulfonyl]oxy]phenyl]azo][1,1'-biphenyl]-4-yl]azo]-4-hydroxy-, disodium 6358-57-2 salt	
methylphenyl]sulfonyl]oxy]phenyl]azo][1,1'-biphenyl]-4-yl]azo]-4-hydroxy-, disodium salt 2,7-Naphthalenedisulfonic acid, 4-amino-3- [[4'-[(2,4-diaminophenyl) azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6- (phenylazo)-, disodium salt (C.I. DIRECT BLACK 38) 2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-6-[[4'-[(4-hydroxyphenyl)azo]-3,3'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-pidroxyphenyl)azo]-3,3'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-pidroxyphenyl)azo]-, disodium salt x Appen1 Maine (Canada PBiT); WA Appen1 Dye Maine (Canada PBiT); WA Appen1 Maine (Canada PBiT); WA Appen1 Dyestuff	
biphenyl]-4-yl]azo]-4-hydroxy-, disodium 8358-57-2 salt 2,7-Naphthalenedisulfonic acid, 4-amino-3- [[4'-[(2,4-diaminophenyl) azo][1,1'- biphenyl]-4-yl]azo]-5-hydroxy-6- (phenylazo)-, disodium salt (C.I. DIRECT 1937-37-7 BLACK 38) 2,7-Naphthalenedisulfonic acid, 4-amino-5- hydroxy-6-[[4'- [(4-hydroxyphenyl)azo]-3,3'- dimethyl[1,1'-biphenyl] -4-yl]azo]-3-[(4- nitrophenyl)azo]-, disodium salt x Appen1 Maine (Canada PBiT); WA PBiT); WA Appen1 Dye Maine (Canada PBiT); WA Appen1 Maine (Canada PBiT); WA Appen1 Dyestuff	
salt x Appen1 Dye 2,7-Naphthalenedisulfonic acid, 4-amino-3- [[4'-[(2,4-diaminophenyl) azo][1,1'- biphenyl]-4-yl]azo]-5-hydroxy -6- (phenylazo)-, disodium salt (C.I. DIRECT 1937-37-7 BLACK 38) Cancer x PBiT); WA Appen1 Dye 2,7-Naphthalenedisulfonic acid, 4-amino-5- hydroxy-6-[[4'- [(4-hydroxyphenyl)azo]-3,3'- dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4- nitrophenyl)azo]-, disodium salt x Appen1 Dyestuff	
2,7-Naphthalenedisulfonic acid, 4-amino-3- [[4'-[(2,4-diaminophenyl) azo][1,1'- biphenyl]-4-yl]azo]-5-hydroxy -6- (phenylazo)-, disodium salt (C.I. DIRECT 1937-37-7 BLACK 38) Cancer x Maine (CA Prop 65; Canada PBiT); WA Appen1 Dye 2,7-Naphthalenedisulfonic acid, 4-amino-5- hydroxy-6-[[4'- [(4-hydroxyphenyl)azo]-3,3'- dimethyl[1,1'-biphenyl] -4-yl]azo]-3-[(4- nitrophenyl)azo]-, disodium salt x Appen1 Dyestuff	
[[4'-[(2,4-diaminophenyl) azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy -6-(phenylazo)-, disodium salt (C.I. DIRECT	
biphenyl]-4-yl]azo]-5-hydroxy -6- (phenylazo)-, disodium salt (C.I. DIRECT 1937-37-7 BLACK 38) Cancer x PBiT); WA Appen1 Dye 2,7-Naphthalenedisulfonic acid, 4-amino-5- hydroxy-6-[[4'- [(4-hydroxyphenyl)azo]-3,3'- dimethyl[1,1'-biphenyl] -4-yl]azo]-3-[(4- nitrophenyl)azo]-, disodium salt x Appen1 Dyestuff	
(phenylazo)-, disodium salt (C.I. DIRECT 1937-37-7 BLACK 38) Cancer X PBiT); WA Appen1 Dye 2,7-Naphthalenedisulfonic acid, 4-amino-5- hydroxy-6-[[4'- [(4-hydroxyphenyl)azo]-3,3'- dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4- nitrophenyl)azo]-, disodium salt X Appen1 Maine (CA Prop 65; Canada PBiT); WA Appen1 Maine (Canada PBiT); WA Appen1 Dyestuff	
2,7-Naphthalenedisulfonic acid, 4-amino-5- hydroxy-6-[[4'- [(4-hydroxyphenyl)azo]-3,3'- dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4- 88400-36-2 nitrophenyl)azo]-, disodium salt X Appen1 Dyestuff	
hydroxy-6-[[4'- [(4-hydroxyphenyl)azo]-3,3'- dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4- nitrophenyl)azo]-, disodium salt x Appen1 Dyestuff	
hydroxy-6-[[4'- [(4-hydroxyphenyl)azo]-3,3'- dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4- nitrophenyl)azo]-, disodium salt x Appen1 Dyestuff	
dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4- 68400-36-2 nitrophenyl)azo]-, disodium salt x Appen1 Dyestuff	
68400-36-2 nitrophenyl)azo]-, disodium salt x Appen1 Dyestuff	
2,7-Naprichalemedisanonic acid, 4-nydroxy-	
3-[[4'-[(2-hydroxy- 1-naphthalenyl)azo]-2,2'-	
dimethyl[1,1'-biphenyl]-4-yl]azo]-, Maine (Canada PBiT); WA	
3701-40-4 disodium salt x Appen1	
2,7-Naphthalenedisulfonic acid, 5-amino-4-	
hydroxy-3-[[6-sulfo- 4-[(4-sulfo-1-	
naphthalenyl)azo]-1-naphthalenyl]azo]-,	
diazotized, coupled with diazotized 4-	
nitrobenzenamine and resorcinol, 90459-02-2 potassium sodium salts x Appen1 Maine (Canada PBiT); WA Appen1	
90459-02-2 potassium sodium salts x Appen1	
2,9,11,13-Tetraazanonadecanethioic acid,	
19-isocyanato-11-(6-isocyanatohexyl)-10,12- Maine (Canada PBiT); WA	
85702-90-5 dioxo-, S-[3-(trimethoxysilyl)propyl] ester x Appen1	
21H,23H-Porphine, 5,10,15,20-tetra-4- Maine (Canada PBiT); WA	
16834-13-2 pyridinyl- x Appen1 Dye	
Maine (CA Prop 65; NTP 11th	
53-96-3 2-Acetylaminofluorene Cancer ROC); WA Appen1 Research	
2-Amino-5-(5-nitro-2-furyl)-1,3,4- 712-68-5 thiadiazole Cancer Maine (CA Prop 65); WA Appen1	
Maine (CA Prop 65), WA Append	
117-79-3 2-Aminoanthraquinone Cancer ROC); WA Appen1 Chemical intermediate for dyes	



			Persistent,			
			Bioaccumulative,			
			Toxic or very Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
153-78-6	2-Aminofluorene 2-Anthracenecarboxaldehyde, 1-amino-	Cancer		Maine (CA Prop 65); WA Appen1	Research	
	9,10-dihydro-9,10-dioxo-, 2-[(1-amino-9,10-					
	dihydro- 9,10-dioxo-2-			Maine (Canada PBiT); WA		
6409-68-3	anthracenyl)methylene]hydrazone		x	Appen1	Dye	
	2-anthracenecarboxamide, 1-amino-N-(3-					
	bromo-9,10-dihydro-9,10-dioxo-2-			Maine (OSPAR Chemicals of		
52740-90-6	anthracenyl)-9,10-dihydro-9,10-dioxo-		X	Concern); WA Appen1	Pigment	
	2-Anthracenesulfonic acid, 4,4'-[(1-					
	methylethylidene) bis(4,1-					
	phenyleneimino)]bis[1-amino-9,10-dihydro			Marine (Const. BB:T) WA		
6471-01-8	9,10-dioxo-, disodium salt (C.I. Acid Blue			Maine (Canada PBiT); WA	Divo	
0471-01-8	127)		X	Appen1 Maine (CA Prop 65; EU	Dye	
				Reproductive Toxicant; NTP	Synthesis of dyes, pharmaceuticals,	
75-26-3	2-Bromopropane	Reproduction		CERHR); WA Appen1	organic chemicals	
		- гр		7, 17		
	2-Butanone, 4-[[[1,2,3,4,4a,9,10,10a-					
	octahydro-1,4a-dimethyl-7-(1-methylethyl)-					
	1-phenanthrenyl]methyl](3-oxo-3-			Maine (Canada PBiT); WA		
70776-86-2	phenylpropyl)amino]-, [1R-(1α,4aß,10aα)]-		X	Appen1		
	2-butanone, O-[[[[1,3,3-trimethyl-5-[[[[(1-					
	methylpropylidene)amino]oxy]carbonyl]am			Maine (OSPAR Chemicals of		
68083-48-7	ino]cyclohexyl]methyl]amino]carbonyl]oxi me		x	Concern); WA Appen1		
00003 40 7			^	Concern), W///ppcni		
					In hydraulic fluids, coupling agent in	
111-76-2	2-butoxyethanol	Blood		WA Appen1; Minnesota HRV	water-based coatings, acetate esters	х
					Riot control gas, alcohol denaturant,	
532-27-4	2-Chloroacetophenone	Respiratory system		WA Appen1; Minnesota HRV	pharmaceutical intermediate, tear gas	
F09 79 7	2 Chloroproposis asid	Dona duction		CA Prop CE	Chaminal intermediate in a satisfied of S	
598-78-7 109-09-1	2-Chloropropanoic acid 2-Chloropyridine	Reproduction Development, Liver		CA Prop 65 EPA - RBP	Chemical intermediate in pesticide mfg Chemical mfg	
103-03-1	2 chloropyriume	Development, Liver		CA Prop 65; WA Appen1; WA	Chemicaring	Х
149-57-5	2-Ethylhexanoic acid	Development		CHCC	Cosolvent in pesticides, defoamer	x
				Maine (EU Endocrine Disruptor);		
5466-77-3	2-ethyl-hexyl-4-methoxycinnamate	Endocrine system		WA Appen1; WA CHCC		
		Development, Nervous				
		system, Pituitary,				
97-99-4	2-Furanmethanol, tetrahydro-	Reproduction		OECD - SIDS/SIAR	Solvent, chemical intermediate	Х



	1		Persistent,			
			Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	2H-Tetrazolium, 3,3'-(3,3'-dimethoxy[1,1'-					
	biphenyl]-4,4'-diyl)bis[2,5-diphenyl-,			Maine (Canada PBiT); WA		
1871-22-3	dichloride (Tetrazolium blue)		x	Appen1	Dye	
868-77-9	2-hydroxyethyl methacrylate	Kidney		OECD - SIDS/SIAR	In dyes, inks, coatings, adhesives, others	Х
60.24.2	2.44	Eyes, Cardiovascular		OFCD CIDC/CIAD	Dyestuff, chemical intermediate,	
60-24-2	2-Mercaptoethanol 2-Methyl-1-nitroanthraquinone (of	system, Liver, Skin		OECD - SIDS/SIAR	chemical mfg	X
129-15-7	uncertain purity)	Cancer		Maine (CA Prop 65); WA Appen1	Preparation of dyes	
123 13 7	2-Methyl-4-chlorophenoxyacetic acid	Carreer		manie (e. r. rep es), m. r. ppeni	i reparation of a yes	
94-74-6	(MCPA)	Kidney, Liver		WA Appen1; Minnesota HRL	Pesticide	
				Maine (CA Prop 65; NTP 11th		
75-55-8	2-Methylaziridine (Propyleneimine)	Cancer		ROC); WA Appen1	Polymer in textile and paper industry	
78-82-0	2 Mathydaranananitrila	Fues Nemicus system		LICOR, WA Appoint	Synthesis of gasoline and pesticides,	v
78-82-0	2-Methylpropanenitrile 2-Naphthalenamine, N-ethyl-1-[[4-	Eyes, Nervous system		HSDB; WA Appen1	catalyst in polyethylene production	X
	(phenylazo)phenyl]azo]- (C.I. Solvent Red			Maine (Canada PBiT); WA		
6368-72-5	19)		x	Appen1	Dye	
	2-Naphthalenecarboxamide, 4-[(2,4-			Maine (Canada PBiT); WA		
85005-63-6	dinitrophenyl)azo]-3-hydroxy-N-phenyl-		X	Appen1		
	2-Naphthalenecarboxamide, 4-[[5-[[[4-					
	(aminocarbonyl) phenyl]amino]carbonyl]-2-					
	methoxyphenyl]azo]-N-(5 -chloro-2,4-					
	dimethoxyphenyl)-3-hydroxy- (Pigment Red			Maine (Canada PBiT); WA		
59487-23-9	187)		Х	Appen1	Pigment	
	2-Naphthalenecarboxamide, N-(2-					
04400 57.3	ethoxyphenyl)-3-hydroxy- 4-[(2-			Maine (Canada PBiT); WA	Divis	
94199-57-2	nitrophenyl)azo]-		X	Appen1	Dye	
	2-Naphthalenecarboxamide, N-(4-chloro-2-			Maine (Canada PBiT); WA		
92-76-2	methylphenyl)-3-hydroxy- (C.I. 37525)		x	Appen1	Dye	
	2-Naphthalenecarboxamide, N-(5-chloro-					
	2,4-dimethoxyphenyl) -4-[[5-					
C440 44 0	[(diethylamino)sulfonyl]-2-methoxyphenyl			Maine (Canada PBiT); WA	Dura	
6410-41-9]azo]-3-hydroxy- (C.I. Pigment Red 5) 2-Naphthalenecarboxamide, N-(5-chloro-		X	Appen1	Dye	
	2,4-dimethoxyphenyl)-3-hydroxy- (C.I.			Maine (Canada PBiT); WA		
92-72-8	37550)		x	Appen1	Dye	
	,	I	1	1 11 1	1 '	1



			Persistent,		I	
			Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	2-Naphthalenecarboxamide, N-(5-chloro-2-					
425 62 7	methylphenyl)-3-hydroxy- (Naphthanilid			Maine (Canada PBiT); WA		
135-63-7	KB) 2-Naphthalenecarboxamide, N-[4-		X	Appen1		
	2-Naphthalenecarboxamide, N-[4- (acetylamino)phenyl] -4-[[5-					
	(aminocarbonyl)-2-chlorophenyl]azo]-3-			Maine (Canada PBiT); WA		
12236-64-5	hydroxy -		v	Appen1	Plastics, paints	
12230-04-3	2-Naphthalenecarboxylic acid, 4-[(5-chloro-		X	Аррент	riastics, pairits	
	4-methyl-2-sulfophenyl) azo]-3-hydroxy-,			Maine (Canada PBiT); WA		
71832-83-2	magnesium salt (1:1)		x	Appen1		
71032 03 2	2-Naphthalenesulfonamide, N-[2-		<u> </u>	, ippenz		
	(acetyloxy)ethyl]-6- hydroxy-N-methyl-5-[[4-			Maine (Canada PBiT); WA		
70210-08-1	(phenylazo)phenyl]azo]-		x	Appen1	Dye	
	7 7 73					
	2-Naphthalenesulfonic acid, 5-[[4-(4-					
	cyclohexylphenoxy) -2-sulfophenyl]azo]-6-					
	[(2,6-dimethylphenyl)amino]-4-hydroxy-,			Maine (Canada PBiT); WA		
71720-89-3	disodium salt		x	Appen1		
	2-Naphthalenesulfonic acid, 7-[[4,6-bis[[3-					
	(diethylamino) propyl]amino]-1,3,5-triazin-					
	2-yl]amino]-4-hydroxy -3-[[4-					
	(phenylazo)phenyl]azo]-, monoacetate			Maine (Canada PBiT); WA		
71032-95-6	(salt)		Х	Appen1	Dye	
				Maine (Canada PBiT); WA		
2653-64-7	2-Naphthalenol, 1-(1-naphthalenylazo)-		X	Appen1	Dye	
	2-Naphthalenol, 1-[(2,4-			Maine (Canada PBiT); WA		
3118-97-6	dimethylphenyl)azo]-		Х	Appen1	Dye	
				Maine (CA Prop 65, Canada		
3468-63-1	2-Naphthalenol, 1-[(2,4-dinitrophenyl)azo]-	Cancer		PBiT); WA Appen1	Pigment	
	2-Naphthalenol, 1-[(2-chloro-4-			Maine (Canada PBiT); WA		
2814-77-9	nitrophenyl)azo]- (D & C Red no. 36)		Х	Appen1	Dye	
1220 55 6	2-Naphthalenol, 1-[(2-methoxyphenyl)azo]-			Maine (Canada PBiT); WA	Divo	
1229-55-6	(Oil pink)		X	Appen1	Dye	
6410 00 0	2-Naphthalenol, 1-[(2-nitrophenyl)azo]-		, ,	Maine (Canada PBiT); WA	Dvo	
6410-09-9	(C.I. Pigment Orange 2) 2-Naphthalenol, 1-[(4-chloro-2-		X	Appen1 Maine (Canada PBiT); WA	Dye	
6410-13-5	nitrophenyl)azo]- (Pigment Red 6)		v	Appen1	Dye	
0+10-13-3	2-Naphthalenol, 1-[(4-methyl-2-		X	Maine (Canada PBiT); WA		
2425-85-6	nitrophenyl)azo]- (Cl Pigment Red 3)		x	Appen1	Dyes/pigment	
2723 03 0	2-Naphthalenol, 1-[[4-		^	учент	D 1 C 3/ PIBITICITE	
	[phenylazo]phenyl]azo]- (C.I. Solvent Red			Maine (Canada PBiT); WA		
85-86-9	23)		x	Appen1	Dye	
				Maine (CA Prop 65; IARC; EU		
				Carcinogen; NTP 11th ROC); WA		
91-59-8	2-Naphthylamine	Cancer		Appen1	Dye mfg, research	
	I=b	1	1	L. 44.4	1-101.00001011	



CAS Number	Chemical Name	Health endpoint(s)	Persistent, Bioaccumulative, Toxic or very Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
				(2. 2		
607-57-8	2-Nitrofluorene	Cancer		Maine (CA Prop 65); WA Appen1		
				Maine (CA Prop 65; NTP 11th	Calventininka nainta adhasivas	
79-46-9	2 Nitrapropaga	Cancar Liver		ROC); WA Appen1; Minnesota HRV	Solvent in inks, paints, adhesives, chemical synthesis	
79-40-9	2-Nitropropane	Cancer, Liver		Maine (OSPAR Chemicals of	Chemical synthesis	
67124-09-8	2-propanol, 1-(tert-dodecylthio)-		x	Concern); WA Appen1	Alcohol	
07124-03-8	2-Propanone, reaction products with		^	Maine (Canada PBiT); WA	Alconor	
68412-48-6	diphenylamine		x	Appen1	Antioxidant	
00412 40 0			^	Дрепі	Manufacture of flavorings, perfumes,	
107-18-6	2-Propen-1-ol (Allyl alcohol)	Kidney, Liver		OECD - SIDS/SIAR; WA Appen1	fire retardants	x
107 10 0	2 Propert 2 of (Amyr disortion)	Mariey, Liver		3123/31/11/, W///Appenii	Pesticide, biocide, mfg of plastics,	, , , , , , , , , , , , , , , , , , ,
107-02-8	2-Propenal (Acrolein)	Eyes, Respiratory system		WA Appen1; Minnesota HRV	perfumes	x
107 02 0	2 Propertor (Aerotem)	Lycs, respiratory system		W///tppenii, wiiiilessea mit	periumes	^
104-55-2	2-Propenal, 3-phenyl- (Cinnamaldehyde)	Skin		EPA - RBP	Flavoring agent, corrosion inhibitor	x
				Maine (OSPAR Chemicals of		
	2-propenoic acid,			Concern; OSPAR Chemicals for		
59447-55-1	(pentabromophenyl)methyl ester		x	Priority Action); WA Appen1		
				Maine (OSPAR Chemicals of		
559-11-5	2-propenoic acid, 2,2,3,3,4,4,5,5,6,6,7,		x	Concern); WA Appen1		
	2-propenoic acid, 2-methyl-, methyl ester =			Maine (EU Endocrine Disruptor);		
26354-18-7	Stannane, tributylmeacrylate	Endocrine system		WA Appen1	Antifouling	
		,			Water soluble and insoluble forms of	
					polyvinyl pyrrolidone for	
					pharmaceuticals and cosmetics mfg,	
88-12-0	2-Pyrrolidinone, 1-ethenyl-	Liver		HSDB; WA Appen1	disinfectant	x
60153-49-3	3-(N-Nitrosomethylamino) propionitrile	Cancer		Maine (CA Prop 65); WA Appen1		
				Maine (OSPAR Chemicals of		
	3,3'-(ureylenedimethylene)bis(3,5,5-			Concern; OSPAR Chemicals for		
55525-54-7	trimethylcyclohexyl) diisocyanate		Х	Priority Action); WA Appen1		
				Maine (EU Endocrine Disruptor;		
				EPA Final PBT Rule for TRI; WA		
				PBT List); WA Appen1; Oregon		
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl	Endocrine system	Х	P3 List	PCB	
				Maine (EU Endocrine Disruptor;		
				EPA Final PBT Rule for TRI); WA		
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl	Endocrine system	X	Appen1; Oregon P3 List	PCB	
				Maine (EU Endocrine Disruptor;		
22502 42 2	2 21 4 41 7 11 11 11 11	e. L. d		EPA Final PBT Rule for TRI); WA	laca.	
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl	Endocrine system	Х	Appen1; Oregon P3 List	PCB	



			Persistent, Bioaccumulative,			
			Toxic or very Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
20424 00 0	2.21 Dishlara 4.41 disprine disheral ether	Canaca		Maine (CA Duen CE), MAA Annon1	Francis bandanas	
28434-86-8	3,3'-Dichloro-4,4'-diamino-diphenyl ether	Cancer		Maine (CA Prop 65); WA Appen1 Maine (CA Prop 65; NTP 11th	Epoxy resin hardeners	
612-83-9	3,3'-Dichlorobenzidine dihydrochloride	Cancer		ROC); WA Appen1	Intermediate for color dyes	x
011 00 0				Maine (CA Prop 65; NTP 11th	Chemical intermediate, used in dyeing	,,
119-90-4	3,3'-Dimethoxybenzidine (o-Dianisidine)	Cancer		ROC); WA Appen1	leather, paper plastic	
				Maine (CA Prop 65; NTP 11th	Chemical intermediate for azo dyes,	
119-93-7	3,3'-Dimethylbenzidine (ortho-Tolidine)	Cancer		ROC); WA Appen1; WA CHCC	curing agent for urethane resins	
113 33 7	5,5 Difficulty is chiziante (or the Tolianie)	Carreer		Nocy, withpens, witere	curing agent for arctifalic resins	
612-82-8	3,3'-Dimethylbenzidine dihydrochloride	Cancer		Maine (CA Prop 65); WA Appen1		
38444-88-1	3,4',5-trichlorobiphenyl	Endocrine system		Maine (EU Endocrine Disruptor)		
38444-88-1	3,4 ,3-tricinorobiphenyi	Litaberine system		Maine (OSPAR Chemicals of		
					Chemical intermediate for dyes and	
95-76-1	3,4-dichloroaniline	Endocrine system		Disruptor); WA Appen1	pesticides	
05.65.0	2.4 Discrete data and			IDIC: MA Assessed	Chambing and animals for all and the marine	
95-65-8	3,4-Dimethylphenol	Blood, Kidney, Liver, Spleen		IRIS; WA Appen1	Starting materials for phenolic resins	X
		Body weight, Development,				
		Genotoxic, Kidney, Liver,			Chemical intermediate, research,	
496-72-0	3,4-toluenediamine (3,4-TDA)	Respiratory system		OECD - SIDS/SIAR	former hair dye	х
	3,5-dioxa-6-aza-4-phosphaoct-6-ene-8-			Maine (OSPAR Chemicals of		
14816-18-3	nitrile, 4-ethoxy-7-phenyl-, 4-sulfide		Х	Concern); WA Appen1	Pesticide (not EPA registered)	
105735-71-5	3,7-Dinitrofluoranthene	Cancer		Maine (CA Prop 65); WA Appen1	Diesel exhaust	
200700 72 0				Maine (EU Endocrine Disruptor);		
56614-97-2	3,9-Dihydroxybenz(a)anthracene	Endocrine system		WA Appen1	Metabolite of benz(a)anthracene	
22506-53-2	3,9-Dinitrofluoranthene	Cancer		Maine (CA Prop 65); WA Appen1	Emissions from combustion sources	
6109-97-3	3-Amino-9-ethylcarbazole hydrochloride	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
	3-Aminomethyl-3,5,5-					
2855-13-2	trimethylcyclohexylamine	Kidney, Respiratory system		OECD - SIDS/SIAR	Epoxy resin curing agent	Х
				0.505 0.505 (0.1.5	Corrosion inhibitor, surfactants, liquid	
109-55-7	3-Aminopropyldimethylamine	Respiratory system, Skin		OECD - SIDS/SIAR	soaps, water treatment	X
15087-24-8	3-Benzylidene camphor (3-BC)	Endocrine system		Maine (EU Endocrine Disruptor); WA Appen1	UV filter	
25007 24 0	benzymache camphor (5 Be)	Z.i.aodinie system		Maine (CA Prop 65; NTP 11th	o · mer	
563-47-3	3-Chloro-2-methylpropene	Cancer		1	Pesticide mfg	x
	3H-Indol-3-one, 5,7-dibromo-2-(5-bromo-7-					
	chloro-1,3-dihydro-3-oxo-2H-indol-2-			Maine (Canada PBiT); WA		
85702-64-3	ylidene)-1,2-dihydro -		Х	Appen1		



			Persistent,			
			Bioaccumulative,			
			Toxic or very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
CAS Number	3H-Indol-3-one, 5-bromo-2-(9-chloro-3-	nearth enupoint(s)	Bioaccumulative	30urce(s)	Ose example(s) of class	years
	oxonaphtho[1,2-b]thien-2(3H)-ylidene)-1,2-			Maine (Canada PBiT); WA		
3687-67-0	dihydro-		x	Appen1		
3007 07 0	3H-Pyrazol-3-one, 4-[(2,4-			Преш		
	dimethylphenyl)azo] -2,4-dihydro-5-methyl-			Maine (Canada PBiT); WA		
6407-78-9	2-phenyl-		x		Dye	
	_ p					
	3H-Pyrazol-3-one, 4-[(2-chlorophenyl)azo]-			Maine (Canada PBiT); WA		
6407-74-5	2, 4-dihydro-5-methyl-2-phenyl-		x		Dye	
				Maine (EU Endocrine Disruptor);		
67651-37-0	3-Hydroxy-2',3',4',5'-tetrachlorobiphenyl	Endocrine system		WA Appen1	РСВ	
92-70-6	3-Hydroxy-2-naphthoic acid	Eyes, Skin		OECD - SIDS/SIAR	Dyes/pigments, pharmaceutical	х
	3-Isocyanatomethyl-3,5,5-	Eyes, Respiratory system,			Chemical intermediate and monomer	
4098-71-9	trimethylcyclohexyl isocyanate	Skin		OECD - SIDS/SIAR	for polyurethane	x
				Maine (EU Endocrine Disruptor);		
65148-80-3	3-MeO-o,p'-DDE	Endocrine system		WA Appen1	DDT metabolite	
563-80-4	3-Methyl-2-butanone	Development, Kidney		EPA - HC	Solvent for nitrocellulose lacquers	X
				Maine (CA Prop 65; EU		
				Endocrine Disruptor; EPA Final		
				PBT Rule for TRI; WA PBT List;		
				OSPAR Chemicals of Concern);		
56-49-5	3-Methylcholanthrene	Cancer, Endocrine system	Х	WA Appen1	Research	
				Maine (EU Endocrine Disruptor);		
43216-70-2		Endocrine system		WA Appen1	Pesticide breakdown product	
	3-Pyridinecarbonitrile, 1-butyl-5-[[4-(4-					
00700 40 4	chlorobenzoyl) -2-nitrophenyl]azo]-1,2-			Maine (Canada PBiT); WA		
90729-40-1	dihydro-6-hydroxy-4 -methyl-2-oxo-		Х	Appen1		
	3-Pyridinecarbonitrile, 5-[(2-cyano-4-					
	nitrophenyl) azo]-2-[(2-			Maine (Canada DDiT), MA		
61799-13-1	hydroxyethyl)amino]-4-methyl-6-[[3-(2 -		V	Maine (Canada PBiT); WA		
01/99-15-1	phenoxyethoxy)propyl]amino]- 3-Pyridinecarbonitrile, 5-[(2-cyano-4-		X	Appen1		
	nitrophenyl) azo]-6-[(2-					
	hydroxyethyl)amino]-4-methyl-2-[[3-(2 -					
	phenoxyethoxy)propyl]amino]- (Disperse			Maine (Canada PBiT); WA		
63833-78-3	Red)		x		Dye	
33333 73 3	3-Pyridinecarbonitrile, 5-[(9,10-dihydro-		^	,	-1-	
	9,10-dioxo- 1-anthracenyl)azo]-2,6-bis[(2-			Maine (Canada PBiT); WA		
73398-96-6	methoxyethyl)amino]-4-methyl-		x	Appen1		
	, , , , , , , , , , , , , , , , , , , ,					
	3-Pyridinecarbonitrile, 5-[[2-chloro-4-					
	(methylsulfonyl) phenyl]azo]-4-methyl-2,6-			Maine (Canada PBiT); WA		
63281-10-7	bis[[3-(2-phenoxyethoxy)propyl]amino]-		х	Appen1		



CAS Number	Chemical Name	Health endpoint(s)	Persistent, Bioaccumulative, Toxic or very Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
	3-Pyridinecarbonitrile, 5-[[2-chloro-4- (phenylazo) phenyl]azo]-2,6-bis[(3-			Maine (Canada PBiT); WA		
85392-21-8	methoxypropyl)amino]-4-methyl -		x	Appen1		
73528-78-6	3-Pyridinecarbonitrile, 5-[[4-[(2,6-dichloro-4 nitrophenyl) azo]-2,5-dimethoxyphenyl]azo]-2,6-bis[(2 - methoxyethyl)amino]-4-methyl-	-	x	Maine (Canada PBiT); WA Appen1		
					Intermediate for dyes, antioxidants,	
100-01-6	4 - Nitrobenzenamine	Liver		HSDB; NTP; WA Appen1	pesticides	X
140-66-9	4-(1,1,3,3-Tetramethylbutyl)phenol (poctaphenol)		x	Maine (EU Endocrine Disruptor; OSPAR Chemicals of Concern; OSPAR Chemicals for Priority Action); WA Appen1; WA CHCC	Chemical intermediate for surfactants	х
793-24-8	4-(dimethylbutylamino)diphenylamin		x	Maine (OSPAR Chemicals of Concern; OSPAR Chemicals for Priority Action); WA Appen1	Antioxidant/antiozonant for rubber	х
	4-(N-Nitrosomethylamino)-1-(3-pyridyl)1-			Maine (CA Prop 65; IARC; NTP		
64091-91-4	butanone	Cancer		11th ROC); WA Appen1	Tobacco smoke	
5124-30-1	4,4' - Methylenedicyclohexyl diisocyanate	Eyes, Respiratory system, Skin		OECD - SIDS/SIAR	Binders and hardeners for coating materials or adhesives mfg	Х
80-07-9	4,4'-Dichlorodiphenyl sulfone	Genotoxic, Kidney, Liver		OECD - SIDS/SIAR	Production of thermoplastics	Х
	4,4'-Oxybis(benzenesulfonyl hydrazide)	Adrenal glands, Kidney,			Sponge rubber mfg and expanded	
80-51-3	(OBSH)	Liver		OECD - SIDS/SIAR	plastics	X
	4,4'-Diaminodiphenyl ether (4,4'-			Maine (CA Prop 65; NTP 11th	Chemical intermediate for polyimide	
101-80-4	Oxydianiline)	Cancer		ROC); WA Appen1	polyester-imide resins	Х
				Maine (EU Endocrine Disruptor);		
100702-98-5	4,4'-Dihydroxy-2,3,5,6-tetrachlorobiphenyl	Endocrine system		WA Appen1	PCB	
				Maine (EU Endocrine Disruptor);		
13049-13-3	4,4'-Dihydroxy-3,3',5,5'-tetrachlorobiphenyl	Endocrine system		WA Appen1	PCB	
644.00.4				Maine (EU Endocrine Disruptor);	a	
611-99-4	4,4'-Dihydroxybenzophenon	Endocrine system		WA Appen1	Plastic monomer	
92-88-6	4,4'-Dihydroxybiphenyl = 4,4'-Biphenol	Endocrine system		Maine (EU Endocrine Disruptor); WA Appen1		x
	,,,,,,, .	accini a apacam		Maine (CA Prop 65; IARC; NTP		
101-14-4	4,4'-Methylene bis(2-chloroaniline)	Cancer		11th ROC); WA Appen1	Curing agent for epoxy resins	
838-88-0	4,4'-Methylene bis(2-methylaniline)	Cancer		Maine (CA Prop 65); WA Appen1		
	4,4'-Methylene bis(N,N-			Maine (CA Prop 65; IRIS; NTP		
101-61-1	dimethyl)benzenamine	Cancer		11th ROC); WA Appen1	Chemical intermediate for dyes, reagent	
				Maine (CA Prop 65; NTP 11th ROC; REACH Substances of Very	Production of isocynates, polyisocyantes for polyurethane foam,	
101-77-9	4,4'-Methylenedianiline	Cancer		High Concern); WA Appen1	preparation of azo dyes	X



			Persistent, Bioaccumulative,			
			Toxic or very			UDV (2006 and 2 of 4
CAC Normalism	Chaminal Name	11 - alah an du aluda)	Persistent, very	(Co	Has susuals (s) on also	HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s) Maine (CA Prop 65; NTP 11th	Use example(s) or class	years) ¹
13552-44-8	4,4'-Methylenedianiline dihydrochloride	Cancer		ROC); WA Appen1	Research, spandex materials mfg	
13332-44-8	4,4 -Methylenediamine umydrochionde	Cancer		Maine (NTP CERHR; OSPAR	nesearch, spandex materials mig	
				Chemicals of Concern; EU		
	4,4'-methylethylidenebisphenol (BPA)	Development, Endocrine		Endocrine Disruptor); WA	Monomer in polycarbonate and epoxy	
80-05-7	(Bisphenol A)	system		Appen1; WA CHCC	resins, plastics mfg	x
80-03-7	(DISPITETION A)	System		Maine (CA Prop 65; NTP 11th	Chemical intermediate for dyes,	^
139-65-1	4,4'-Thiodianiline	Cancer		ROC); WA Appen1	pharmaceutical	
133 03 1	4,7-methano-1H-indene, 4,5,6,7,8,8-	Carreer		Maine (OSPAR Chemicals of	pharmaceatical	
3734-48-3	hexachloro-3a,4,7,7a-tetrahydro-		x	Concern); WA Appen1	Chemicals intermediate	
3734-48-3	nexaciiioio-3a,4,7,7a-tetranyuro-		^	Concern), WA Appeni	Chemicals intermediate	
	4,7-methanoisobenzofuran, 1,3,4,5,6,7,8,8-			Maine (OSPAR Chemicals of		
	octachloro-1,3,3a,4,7,7a-hexahydro-		x	Concern); WA Appen1	Insecticide	
237-76-3	Octacinoro-1,5,5a,4,7,7a-nexanyuro-		^	Concern), WA Appeni	Insecticide	
					Flame retardant in unsaturated	
	4,7-methanoisobenzofuran-1,3-dione,			Maine (OSPAR Chemicals of	polyester resins, hardener for epoxy	
	4,5,6,7,8,8-hexachloro-3a,4,7,7a-tetrahydro-		x	Concern); WA Appen1	resins, polymers for building materials	x
113-27-3	4,5,0,7,6,6-nexacilioro-5a,4,7,7a-tetrariyuro-		^	Concern), WA Appeni	Dyeing furs, hair dyes, etching copper	^
119-34-6	4-Amino-2-nitrophenol	Cancer		Maine (CA Prop 65); WA Appen1	printing plates	
113-34-0	4-Amino-2-ma opnenoi	Caricer		Maine (CA Prop 65; IARC; EU	printing plates	
				•	Detection of sulfates, rubber	
92-67-1	4-Aminobiphenyl (4-amino-diphenyl)	Cancer		Appen1	antioxidant	
92-07-1		Cancer		Maine (NWM Priority	antioxidant	
101-55-3	4-Bromophenyl phenyl ether		v	Chemicals); WA Appen1	Research, flame retardant	
101-33-3			X	Maine (CA Prop 65; NTP 11th	nesearch, hame retardant	
95-83-0	1-Chloro-o-nhenylenediamine	Cancer		ROC); WA Appen1	Oxidation base, hair dyes	
33-83-0	4-Chloro-o-phenylenediamine	Caricer		Maine (EU Endocrine Disruptor);		
1131-60-8	4-Cyclohexylphenol	Endocrine system		WA Appen1	Antimicrobial additive	
1131-00-8	4-сустопехутрпеног	Litabellile system		Maine (CA Prop 65; NTP 11th	Antimicrobial additive	
60-11-7	4-Dimethylaminoazobenzene	Cancer		ROC); WA Appen1	pH indicators - spot tests	
00 11 7	- Dimetriyianinoazobenzene	Caricer		Maine (EU Endocrine Disruptor);	primareators spot tests	
53905-33-2	4-Hydroxy-2,2',5'-trichlorobiphenyl	Endocrine system		WA Appen1	PCB	
33303 33 2	Trydroxy 2,2,3 themorosiphenyi	Litaberine system		Maine (EU Endocrine Disruptor);		
67651-34-7	4-Hydroxy-2',3',4',5'-tetrachlorobiphenyl	Endocrine system		WA Appen1	PCB	
3, 331 37 7	, at oxy 2 /3 /1 /3 certain for objeticity!			Maine (EU Endocrine Disruptor);		
14962-28-8	4-Hydroxy-2',4',6'-trichlorobiphenyl	Endocrine system		WA Appen1	PCB congener	
	, a. o., _ , . , o diomorosipheny			Maine (EU Endocrine Disruptor);		
111810-41-4	4-Hydroxy-3,3',4',5'-tetrachlorobiphenyl	Endocrine system		WA Appen2		
	, a. 2., 2,2 , 1,0 to a construction	3.5		Maine (EU Endocrine Disruptor);		
4400-06-0	4-Hydroxy-3,4',5-trichlorobiphenyl	Endocrine system		WA Appen1		
				Maine (EU Endocrine Disruptor);		
92-69-3	4-Hydroxybiphenyl = 4-Phenylphenol	Endocrine system		WA Appen1	Chemical intermediate	
	,			Maine (EU Endocrine Disruptor);		
65148-81-4	4-MeO-o,p'-DDE	Endocrine system		WA Appen1	DDT metabolite	



CAS Number	Chemical Name	Health endpoint(s)	Persistent, Bioaccumulative, Toxic or very Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
CAS Number	Chemical Name	ricardi enapolit(3)	Dioaccumulative	Maine (EU Endocrine Disruptor);	Use example(3) of class	years
65148-72-3	4-MeO-o,p'-DDT	Endocrine system		WA Appen1	DDT metabolite	
92-93-3	4-Nitrobiphenyl	Cancer			Plasticizer for resins and polystyrene	
57835-92-4	4-Nitropyrene	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Particulates in emissions from combustion	
99-99-0	4-Nitrotoluene	Endocrine system		Maine (EU Endocrine Disruptor); WA Appen1	Production of dyes, agricultural chemicals, rubber chemicals	×
99 99 0	+ Milotoldene	Lindocinic system		Maine (EU Endocrine Disruptor);	chemicals, rubber enermeals	^
N/A	4-OH-2,2',4',5,5'-pentachlorobiphenyl	Endocrine system		WA Appen2		
14//	4-Oxo-4-[(tributylstannyl)oxy]-2-butenoic	Endocrine System		Maine (Canada PBiT); WA		
4027-18-3	acid		x	Appen1	Pesticide	
1027 10 3	4-Vinyl-1-cyclohexene diepoxide (Vinyl			Maine (CA Prop 65; NTP 11th	- Colloide	
106-87-6	cyclohexenedioxide)	Cancer, Reproduction		ROC); WA Appen1	Polymer organic synthesis	
100 07 0	рубленем пемпечен	carreer) reproduction		noon mappens	1 orymer organic synthesis	
100-40-3	4-Vinylcyclohexene	Cancer, Reproduction		Maine (CA Prop 65): WA Appen1	Polymers, organic chemical synthesis	x
100 10 0	5-(Morpholinomethyl)-3-[(5-	Carrotty Reproduction		manie (ert rep es), trit ippeni	i orymers, organic chemical synthesis	~
	nitrofurfurylidene)-amino]-2-oxazolidinone					
139-91-3	(Furaltadone)	Cancer		Maine (CA Prop 65); WA Appen1	Animal feed additive	
133 31 3	(i diditadone)	Carreer		Maine (EU Endocrine Disruptor);	, mindiffeed additive	
7099-43-6	5,6-Cyclopento-1,2-benzanthracene	Endocrine system		WA Appen1		
	, , , , , , , , , , , , , , , , , , , ,			1212-2		
95-79-4	5-Chloro-o-toluidine	Cancer		Maine (CA Prop 65); WA Appen1		
					Copolymer in production of ethylene-	
16219-75-3	5-Ethylidene-2-norbornene	Body Weight, Liver, Thyroid		OECD - SIDS/SIAR	propylene diene monomer	x
	5-Isobenzofurancarboxylic acid, 1-[4-	, , , , , ,		·		
	(diethylamino)-2-ethoxyphenyl] -1-(1-ethyl-					
	2-methyl-1H-indol-3-yl)-1,3 -dihydro-3-oxo-			Maine (Canada PBiT); WA		
69898-67-5	, ethyl ester		Х	Appen1		
	5-Isobenzofurancarboxylic acid, 3-[4-					
	(diethylamino)-2-ethoxyphenyl] -3-(1-ethyl-					
	2-methyl-1H-indol-3-yl)-1,3 -dihydro-1-oxo-			Maine (Canada PBiT); WA		
69898-66-4	, ethyl ester		Х	Appen1		
				Maine (EU Endocrine Disruptor);		
65148-75-6	5-MeO-o,p'-DDD	Endocrine system		WA Appen1	DDT metabolite	
				Maine (EU Endocrine Disruptor);		
65148-82-5	5-MeO-o,p'-DDE	Endocrine system		WA Appen1	DDT metabolite	
				Maine (EU Endocrine Disruptor);		
65148-74-5	5-MeO-o,p'-DDT	Endocrine system		WA Appen1	DDT metabolite	
	5-Methoxypsoralen with ultraviolet A			Maine (CA Prop 65; IARC); WA		
484-20-8	therapy	Cancer		Appen1	Fragrances, suntan, pharmaceutical	
				Maine (CA Prop 65; EPA Final		
				PBT Rule for TRI; NTP 11th ROC);	<u></u>	
3697-24-3	5-Methylchrysene	Cancer		WA Appen1	From incomplete combustion	



			Persistent,			
			Bioaccumulative,			
			Toxic or very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Licolth and naint/a)	Persistent, very	Sauranta)	Has everynlede) ar elese	years) ¹
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class Chemical intermediate for	years)
602-87-9	5-Nitroacenaphthene	Cancer		Maine (CA Pron 65): WA Annen1	naphthalimide, a whitening agent	
002 07 3	3 Mitroacchaphthene	Caricer		Maine (EU Endocrine Disruptor);	maphinaminae, a whitehing agent	
65148-73-4	5-OH-o,p'-DDT	Endocrine system		WA Appen1	DDT metabolite	
	, , , , , , , , , , , , , , , , , , ,					
119-47-1	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	Reproduction		OECD - SIDS/SIAR	Stabilizer, antioxidant in rubber industry	х
				Maine (EU Endocrine Disruptor);		
118174-38-2	6-Methyl-1,3,8-trichlorodibenzofuran	Endocrine system		WA Appen1	Furan	
				Maine (CA Prop 65; NTP 11th		
7496-02-8	6-Nitrochrysene	Cancer		ROC); WA Appen1		
					Water soluble and insoluble forms of	
					polyvinyl pyrrolidone for	
				_	pharmaceuticals and cosmetics mfg,	
88-60-8	6-tert-Butyl-m-cresol	Liver		OECD - SIDS/SIAR	disinfectant	Х
				Maine (CA Prop 65; EU		
				Endocrine Disruptor; EPA Final		
				PBT Rule for TRI; OSPAR		
F7 07 C	7 12 Dimenthallous/alanthasaana	Canaan Endaarina ayatana		Chemicals of Concern); WA	December who were constituted	
57-97-6	7,12-Dimethylbenz(a)anthracene	Cancer, Endocrine system	X	Appen1	Research, pharmaceutical	
82-05-3	74 honz[do]anthracon 7 one		V	Maine (OSPAR Chemicals of	Dvo	
82-03-3	7H-benz[de]anthracen-7-one		X	Concern); WA Appen1 Maine (OSPAR Chemicals of	Dye Chemical intermediate in chemical	
81-98-1	7H-benz[de]anthracen-7-one, 3,9-dibromo-		x	Concern); WA Appen1	synthesis	
01 30 1	711 benziaejantinaeen 7 one, 3,3 abromo		A	concern, www.penii	Synthesis	
				Maine (CA Prop 65; NTP 11th		
				ROC; EPA Final PBT Rule for TRI;		
194-59-2	7H-Dibenzo(c,g)carbazole	Cancer	x	WA PBT List); WA Appen1	Combustion by product	
	-					
	7-Oxa-3,20-diazadispiro[5.1.11.2]			Maine (Canada PBiT); WA	Paint/coating additives, photosensitive,	
64338-16-5	heneicosan-21-one, 2,2,4,4-tetramethyl-		X	Appen1	plastics	
	8-Methoxypsoralen with ultraviolet A			Maine (CA Prop 65; IARC; NTP		
298-81-7	therapy	Cancer		11th ROC); WA Appen1	Photoactive agent, pharmaceutical	
C406 50 5	9,10-Anthracenedione, 1-(methylamino)-4-			Maine (Canada PBiT); WA		
6408-50-0	[(3-methylphenyl)amino]-		X	Appen1	Dye	
	9,10-Anthracenedione, 1,4-bis[(4-			Maine (Conside DD:T) 14/4		
125251 00 7	methylphenyl)amino]-, sulfonated,		, ,	Maine (Canada PBiT); WA	Dvo	
125351-99-7	potassium salts		X	Appen1	Dye	
	9,10-Anthracenedione, 1,8-dihydroxy-4-			Maine (Canada PBiT); WA		
20241-76-3	nitro-5-(phenylamino)- (Disperse Blue 77)		x	Appen1	Dye	
20241 70 3	mile 5 (pricrigidiffilio) (bisperse blue 77)			Appeni		
	9,10-Anthracenedione, 1-[(5,7-dichloro-1,9-					
	dihydro- 2-methyl-9-oxopyrazolo[5,1-			Maine (Canada PBiT); WA		
74336-60-0	b]quinazolin-3-yl)azo]- (Pigment Red 251)		х	Appen1	Pigment Red 251	
/ + 220-00-0	Inidamazomi-2-Ailazo 1- (Liginient ven 521)		X	Lubheiit	Ligiticiit ven 731	



			Downistant			
			Persistent,			
			Bioaccumulative,			
			Toxic or very			HPV (2006 and 3 of 4
			Persistent, very			·
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
.=.=	9,10-Anthracenedione, 1-[[4-			Maine (Canada PBiT); WA		
15958-61-9	(phenylsulfonyl)phenyl]amino]-		X	Appen1		
	9,10-anthracenedione, 1-amino-2-bromo-4-			Maine (OSPAR Chemicals of		
128-83-6	[(4-methylphenyl)amino]- (CI 62100)		Х	Concern); WA Appen1	Pigment	
	9,10-Anthracenedione, 1-amino-2-bromo-4-					
	[[4-[(1- methylethyl)amino]-6-phenyl-1,3,5-			Maine (Canada PBiT); WA		
64086-95-9	triazin-2-yl]amino]-		X	Appen1	Dye	
	9,10-Anthracenedione, 1-amino-4-(2-			Maine (Canada PBiT); WA		
3767-68-8	benzothiazolylthio)-		Х	Appen1		
	9,10-Anthracenedione, 1-amino-4-			Maine (Canada PBiT); WA		
4395-65-7	(phenylamino)- (Disperse Blue 19)		Х	Appen1	Dye	
	9,10-Anthracenedione, 1-amino-4-			Maine (Canada PBiT); WA		
27341-33-9	[(methoxyphenyl)amino]-		Х	Appen1	Chemical intermediate	
	9,10-Anthracenedione, 1-amino-4-[[3-					
	[(dimethylamino) methyl]phenyl]amino]-,			Maine (Canada PBiT); WA		
83968-86-9	monoacetate		X	Appen1		
	9,10-Anthracenedione, 1-amino-4-[[3-					
	[(dimethylamino) methyl]phenyl]amino]-,			Maine (Canada PBiT); WA		
69695-75-6	monohydrochloride		Х	Appen1		
	9,10-Anthracenedione, 1-amino-4-hydroxy-			Maine (Canada PBiT); WA		
54243-60-6	2-(4-methoxyphenoxy)-		X	Appen1		
	9,10-Anthracenedione, 1-hydroxy-4-[[4-			Maine (Canada PBiT); WA		
1594-08-7	[(methylsulfonyl) oxy]phenyl]amino]-		Х	Appen1		
	9,10-Anthracenedione, 2,2'-(1,3,4-			Maine (Canada PBiT); WA		
52591-25-0	oxadiazole-2,5-diyl)bis[1-amino-		Х	Appen1		
	9,10-Anthracenedione, 2,2'-[1,4-					
	phenylenebis(1, 3,4-oxadiazole-5,2-			Maine (Canada PBiT); WA		
52671-38-2	diyl)]bis[1-amino-		Х	Appen1		
	9,10-Anthracenedione, 2-acetyl-1-amino-4-					
	[[4-[(1-methylethyl)amino]-6-phenyl-1,3,5-			Maine (Canada PBiT); WA		
64086-96-0	triazin-2-yl]amino]-		X	Appen1		
	9,10-anthracenedione, 4,8-diamino-2-(4-			Maine (OSPAR Chemicals of		
15114-15-5	ethoxyphenyl)-1,5-dihydroxy-		Х	Concern); WA Appen1	Textiles, coloring agent	
	9H-Carbazole-1-carboxamide, N-(4-			Maine (Canada PBiT); WA		
23077-61-4	chlorophenyl)-2-hydroxy-		X	Appen1		
	9H-Carbazole-3-carboxamide, N-(4-			Maine (Canada PBiT); WA		
132-61-6	chlorophenyl)-2-hydroxy-		Х	Appen1		
26148-68-5	A-alpha-C (2-Amino-9H-pyrido[2,3-b]indole)	Cancer	Х	Maine (CA Prop 65); WA Appen1	Formed during cooking of meat/fish	
				Maine (NWM Priority Chemicals;		
				OSPAR Chemicals of Concern);		
83-32-9	Acenaphthene		х	WA Appen1	Dye, insecticide, fungicide	



			Persistent, Bioaccumulative,			
			Toxic or very Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
				Maine (NWM Priority		
208-96-8	Acenaphthylene		Х	Chemicals); WA Appen1	From oil furnace black	
				Maine (CA Prop 65; IRIS; NTP		
75-07-0	Acetaldehyde	Cancor		11th ROC); WA Appen1; WA CHCC; Minnesota HRV	Organic chemical synthesis, flavoring, chemical intermediate	,
73-07-0	Acetaidenyde	Cancer		CHCC, Millinesota HKV	Intermediate for agriculture chemical	X
107-29-9	Acetaldehyde Oxime	Blood, Eyes, Spleen		OECD - SIDS/SIAR	production	х
	,	, , , ,		·	Solvent, plasticizer, stabilizer,	
60-35-5	Acetamide	Cancer		Maine (CA Prop 65); WA Appen1	humectant	
	A			AACCA (Cook to DDIT) WA		
56532-53-7	Acetamide, N-[2-[(2,6-dicyano-4-nitrophenyl) azo]-5-(dipropylamino)phenyl]-		V	Maine (Canada PBiT); WA Appen1		
30332-33-7			X	Аррент		
	Acetamide, N-[2-[(2-bromo-4,6-					
	dinitrophenyl) azo]-4-methoxy-5-			Maine (Canada PBiT); WA		
42852-92-6	[(phenylmethyl)-2-propenylamino]phenyl]-		Х	Appen1	Dye	
	Acetamide, N-[2-[(2-bromo-4,6-			Maine (Canada DDiT): WA		
52697-38-8	dinitrophenyl azo]-5-(diethylamino)phenyl		x	Maine (Canada PBiT); WA Appen1	Dye	
32037 30 0	Acetamide, N-[2-[(2-bromo-4,6-		, , , , , , , , , , , , , , , , , , ,	, ippelia		
	dinitrophenyl) azo]-5-[(2-cyanoethyl)-2-			Maine (Canada PBiT); WA		
68877-63-4	propenylamino]-4 -methoxyphenyl]-		х	Appen1	Dye	
	A t : d - N [2 [/2 h C 4					
	Acetamide, N-[2-[(2-bromo-6-cyano-4-nitrophenyl)azo]-5-(diethylamino)phenyl]-			Maine (Canada PBiT); WA		
2537-62-4	(CI Disperse Blue 183)		×		Dye	
				The state of the s		
	Acetamide, N-[2-[(2-bromo-6-cyano-4-			Maine (Canada PBiT); WA		
83249-47-2	nitrophenyl)azo]-5-(dipropylamino)phenyl]-		Х	Appen1		
	Acetamide, N-[2-[(2-cyano-6-iodo-4-			Maine (Canada PBiT); WA		
55252-53-4	nitrophenyl) azo]-5-(diethylamino)phenyl]-		x	Appen1		
	Acetamide, N-[4-chloro-2-[2-(2-chloro-4-		,			
	nitrophenyl)azo]-5-[(2-hydroxy-3-			Maine (Canada PBiT); WA		
79542-46-4	phenoxypropyl) amino]phenyl]-		х	Appen1		
	Acetamide N [E (dipressulamina) 2 [[[Maine (Canada DD:T), MA		
63134-15-6	Acetamide, N-[5-(dipropylamino)-2-[[5-(ethylthio)-1,3,4-thiadiazol-2-yl]azo]phenyl]-		x	Maine (Canada PBiT); WA Appen1	Colorant	
00101150	Acetamide, N-[5-[[2-(acetyloxy)ethyl]		, and the second	In the court	CO.O. GITC	
	(phenylmethyl)amino]-2-[(2,4-			Maine (Canada PBiT); WA		
16421-41-3	dinitrophenyl)azo]-4 -methoxyphenyl]-		Х	Appen1	Dye	
	Acetamide, N-[5-[[2-(acetyloxy)ethyl]					
16421 40 2	(phenylmethyl)amino]-2-[(2-chloro-4,6-		,	Maine (Canada PBiT); WA	Divo	
16421-40-2	dinitrophenyl)azo]-4-methoxyphenyl]-		X	Appen1	Dye	



			Persistent, Bioaccumulative,			
			Toxic or very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
				, ,		
	Acetamide, N-[5-[bis[2-(acetyloxy)ethyl]					
12222 24 2	amino]-2-[(2-bromo-4,6-dinitrophenyl)azo]-			Maine (Canada PBiT); WA		
12239-34-8	4-ethoxyphenyl]- (C.I. Disperse Blue 79) acetic acid, (2,4,5-trichlorophenoxy)-, 2-		Х	Appen1 Maine (OSPAR Chemicals of	Pigment	
2545-59-7	butoxyethyl ester		x	,	Pesticide (EPA reg. cancelled)	
2545 55 7	Acetic acid, (2,4,5-trichlorophenoxy)-, 2-		^	Maine (OSPAR Chemicals of	resticide (El Areg. cancelled)	
1928-47-8	ethylhexyl ester		х	•	Pesticide (EPA reg. cancelled)	
	acetic acid, (2,4,5-trichlorophenoxy)-,			Maine (OSPAR Chemicals of	, ,	
25168-15-4	isooctyl ester		х	Concern); WA Appen1	Pesticide (not EPA registered)	
					Manufacturing of yellow dyes, pesticide	
102-01-2	Acetoacetanilide	Blood		OECD - SIDS/SIAR	mfg	Х
					Chemical intermediate in production of	
92-15-9	Acetoacet-o-anisidide	Blood, Spleen		EPA - HC	pigments	Х
		Cancer, Development,				
		Endocrine system, Kidney,		Maine (CA Prop 65, 511		
		Liver, Nervous system,		Maine (CA Prop 65; EU		
34256-82-1	Acetochlor	Respiratory system, Reproduction		Endocrine Disruptor); WA Appen1; Minnesota HRL	Pesticide	
75-05-8	Acetonitrile	Mortality		• • •	Pesticides mfg, rubber, dyes	Х
73 03 0	Accomme	ivior carrey		Maine (WA PBT list); WA	resticiaes imp, rabber, ayes	Α
		Development, Liver,		Appen1; WA CHCC; Oregon P3		
1763-23-1	Acid [Perfluorooctane sulfonates (PFOS)]	Thyroid	х	List; Minnesota HRL	Surfactant	
62476-59-9	Acifluorfen sodium	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
				AATT / CA D CE JADO IDIO		
				Maine (CA Prop 65; IARC; IRIS; NTP 11th ROC; NTP CERHR); WA		
		Cancer, Development,			Synthesis of dyes, adhesives, paper and	
79-06-1	Acrylamide	Genotoxic, Reproduction		Very High Concern	textiles	x
75 00 1	ner yiumide	denotoxie, Reproduction		Very riight concern	textiles	^
					Chemical intermediate for acrylates,	
79-10-7	Acrylic acid	Respiratory system			plastics mfg, water based paints	х
				Maine (CA Prop 65; IRIS; NTP		
				11th ROC); WA Appen1; WA		
107-13-1	Acrylonitrile	Cancer		CHCC; Minnesota HRV	Surface coatings, resins, acrylic fibers	х
	Adenosine, N-benzoyl-5'-O-[bis(4-			Maine (Canada PBiT); WA		
64325-78-6	methoxyphenyl) phenylmethyl]-2'-deoxy-		Х	Appen1		
	AF-2;[2-(2-furyl)-3-(5-nitro-2-			Maine (CA Bran CE) MAA Am and	Food additive	
2600 52 7	from d) la conda posida					
3688-53-7	furyl)]acrylamide	Cancer		Maine (CA Prop 65); WA Appen1 Maine (CA Prop 65; IARC; NTP	Food additive	



			Persistent, Bioaccumulative,			
			Toxic or very			
CAS N	0 1	Hardida and Assert A	Persistent, very	6(.)		HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
		Diand Canasa Frederina		Maine (CA Prop 65; EU		
15972-60-8	Alachlor	Blood, Cancer, Endocrine system, Kidney, Liver		Endocrine Disruptor); WA	Pesticide	
15972-00-8	Alacilloi	system, Ridney, Liver		Appen1; Minnesota HRL Maine (Canada PBiT); WA	resticide	
68391-08-2	Alcohols, C8-14, γ-ω-perfluoro		x	Appen1	PFC	
116-06-3	Aldicarb	Nervous system	^	WA Appen1; Minnesota HRL	Pesticide	
1646-88-4	Aldoxycarb	Nervous system		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
1010 00 1	, mackycard	Trei vous system		mis, with peni	restroide (El / l'eg. caricellea)	
				Maine (CA Prop 65; IRIS; EPA		
				Final PBT Rule for TRI; TRI PBT		
				Chemical List; EPA Priority PBT;		
				WA PBT List; OSPAR Chemicals of		
309-00-2	Aldrin	Cancer	x	Concern); WA Appen1	Pesticide (EPA reg. cancelled)	
				Maine (Canada PBiT); WA		
84082-38-2	Alkanes, C10-21, chloro		x	Appen1		
				Maine (Canada PBiT); WA		
104948-36-9	Alkanes, C10-22, chloro		Х	Appen1	Paraffins	
68475-57-0	Alkanes, C1-2, Petroleum gas	Cancer		Maine (EU Carcinogen)		
90622-55-2	Alkanes, C1-4, C3-rich, Petroleum gas	Cancer		Maine (EU Carcinogen)		
				Maine (EU Endocrine Disruptor;		
85535-85-9	alkanes, C14-17, chloro	Endocrine system	Х	Canada PBiT); WA Appen1		
				Maine (Canada PBiT); WA		
106232-85-3	Alkanes, C18-20, chloro		Х	Appen1	Paraffins	
05505 06 0				Maine (Canada PBiT); WA		
	Alkanes, C18-28, chloro	Canada	X	Appen1		
68475-58-1 68475-59-2	Alkanes, C2-3, Petroleum gas Alkanes, C3-4, petroleum gas	Cancer		Maine (EU Carcinogen)		X
68475-60-5	Alkanes, C4-5, Petroleum gas	Cancer		Maine (EU Carcinogen) Maine (EU Carcinogen)		X
06473-00-3	Alkanes, C4-3, Petroleum gas	Cancer		Maine (Canada PBiT); WA		X
68920-70-7	Alkanes, C6-18, chloro		x	Appen1	Paraffin, plasticizer	
00320 70 7	rikaries, co 10, emoro		^	Maine (Canada PBiT); WA	Turum, piasticizer	
61788-76-9	Alkanes, chloro		x	Appen1	Lubricants and coolants in metals	x
	Alkenes, C12-14, hydroformylation			Pre-		
	products, distn. residues, ethoxylated					
	propoxylated, dihydrogen phosphates,			Maine (Canada PBiT); WA		
113089-51-3	sodium salts		x	Appen1		
	Alkenes, C12-14, hydroformylation					
	products, distn. residues, ethoxylated,			Maine (Canada PBiT); WA		
119209-64-2	dihydrogen phosphates, sodium salts		х	Appen1		
302-79-4	All-trans retinoic acid	Development		Maine (CA Prop 65); WA Appen1	Research	
				WA Appen1; Minnesota HRL;	Synthesis of allyl compounds,	
107-05-1	Allyl chloride	Nervous system		Minnesota HRV	thermoset resins, and pesticides	
96-24-2	alpha-Chlorohydrin	Reproduction		HSDB	Pesticide, mfg of dye intermediates	x



			Persistent, Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
				Maine (IRIS); WA Appen1;		
319-84-6	alpha-Hexachlorocyclohexane (alpha-HCH)		Х	Oregon P3 List	Component of benzene hexachloride	
101-86-0	alpha-Hexylcinnamaldehyde	Skin		EPA - RBP	Soaps	X
		Development,			pharmaceutical and insect	
645-05-6	Altretamine	Reproduction		Maine (CA Prop 65); WA Appen1	chemosterilant	
				REACH Substances of Very High		
N/A	Aluminosilicate Refractory Ceramic Fibers	Cancer		Concern		
834-12-8	Ametryn	Liver		IRIS; WA Appen1	Pesticide	
68955-53-3	Amines, C12-14-tert-alkyl	Development		EPA - RBP	Organic chemical mfg	X
	Amines, C18-22-tert-alkyl,			Maine (Canada PBiT); WA		
79357-73-6	(chloromethyl)phosphonates (2:1)		Х	Appen1	Lubricating agent, lubricant additive	
				Maine (Canada PBiT); WA		
68443-10-7	Amines, C18-22-tert-alkyl, ethoxylated		X	Appen1		
	Amines, tallow alkyl, ethoxylated,			Maine (Canada PBiT); WA		
68308-48-5	phosphates		X	Appen1	Surfactant in pesticide	
		Development,				
54-62-6	Aminopterin	Reproduction		Maine (CA Prop 65); WA Appen1	Pharmaceutical, pesticide	
33089-61-1	Amitraz	Development		Maine (CA Prop 65); WA Appen1	Pesticide	
				Maine (CA Prop 65; NTP 11th		
				ROC; EU Endocrine Disruptor);		
61-82-5	Amitrole	Cancer, Endocrine system			Pesticide	
7664-41-7	Ammonia	Eyes, Respiratory system		WA Appen1; Minnesota HRV	Fertilizer, refrigerant, others	X
				Maine (Canada PBiT; WA PBT		
	Ammonium salt [Perfluorooctane	Development, Liver,		list); WA Appen1; Minnesota		
29081-56-9	sulfonates (PFOS)]	Thyroid	X		PFC	
				Maine (CA Prop 65; IRIS); WA	Chemical mfg, (polyurethane foam,	
62-53-3	Aniline	Cancer		Appen1; WA CHCC	varnishes, perfumes, printing inks)	Х
	Anthra[9,1,2-cde]benzo[rst]pentaphene-					
	5,10-diol, 16,17-dimethoxy-, bis(hydrogen			Maine (Canada PBiT); WA	_	
2538-84-3	sulfate), disodium salt		X	Appen1	Dye	
50040 07 5	Anthra[9,1,2-cde]benzo[rst]pentaphene-			Maine (Canada PBiT); WA		
58019-27-5	5,10-dione, diamino-		X	Appen1		
				Maine (NWM Priority Chemicals;		
				EU PBT List; OSPAR Chemicals of		
				Concern; REACH Substances of		
=					Production of anthraquinone, for dyes,	
120-12-7	Anthracene		X	Oregon P3 List; Minnesota HRL	syn fibers, plastics, dyes,	



			Persistent,			
			Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
				Maine (EU PBT List; OSPAR		
				Chemicals of Concern); WA		
				Appen1; REACH Substances of		
90640-80-5	Anthracene oil	Cancer	Х	Very High Concern	In coal tar pitch, coal tar enamel mfg	
				Maine (EU PBT List; OSPAR		
				Chemicals of Concern); WA		
				Appen1; REACH Substances of		
90640-81-6	Anthracene oil, anthracene paste	Cancer	X	Very High Concern		
	Anthracene oil, anthracene paste,					
	anthracene fraction; Anthracene Oil					
	Fraction; [A complex combination of					
	hydrocarbons from the distillation of					
	anthracene obtained by the crystallization					
	of anthracene oil from bituminous high					
	temperature tar and boiling in the range of			Maine (EU PBT List; OSPAR		
	330°C to 350°C (626°F to 662°F). It contains			Chemicals of Concern); WA		
	chiefly anthracene, carbazole and			Appen1; REACH Substances of		
91995-15-2	phenanthrene.]	Cancer	х	Very High Concern		
	Anthracene oil, anthracene paste, distn.					
	lights; Anthracene Oil Fraction; [A complex					
	combination of hydrocarbons from the					
	distillation of anthracene obtained by					
	crystallization of anthracene oil from					
	bituminous high temperature tar and					
	boiling in the range of approximately 290°C			Maine (EU PBT List; OSPAR		
	to 340°C (554°F to 644°F). It contains chiefly			Chemicals of Concern); WA		
	trinuclear aromatics and their dihydro			Appen1; REACH Substances of		
91995-17-4	derivatives.]	Cancer	x	Very High Concern		
				Maine (EU PBT List; OSPAR		
				Chemicals of Concern); WA		
				Appen1; REACH Substances of		
90640-82-7	Anthracene oil, anthracene-low	Cancer	х	Very High Concern	Solvent	
				, ,	Chemical production of acid and base	
84-65-1	Anthraquinone	Cancer		Maine (CA Prop 65); WA Appen1		x
				WA Appen1; WA CHCC;		
7440-36-0	Antimony	Blood		Minnesota HRV	Alloys mfg	x (2006)
1309-64-4	Antimony oxide (Antimony trioxide)	Cancer		Maine (CA Prop 65); WA Appen1	Pigment, mordant, flame-proofing	x
				Maine (CA Prop 65; IRIS); WA	, , , , , , , , , , , , , , , , , , , ,	
140-57-8	Aramite	Cancer		Appen1	Antimicrobial	
				Maine (CA Prop 65; IARC); WA		
N/A	Aristolochic acids	Cancer, Kidney		Appen2		



			Persistent, Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
		, ,,			Formerly used for capacitors - current	, ,
		Development, Endocrine		Maine (EU Endocrine Disruptor);	leachate from landfills/improper	
12674-11-2	Aroclor 1016 (PCBs)	system	x	IRIS; WA Appen1	disposal	
				Maine (CA Prop 65; IARC; IRIS;	·	
				NTP 11th ROC); WA Appen1; WA		
				CHCC; Oregon P3 List;		
7440-38-2	Arsenic and arsenic compounds	Cancer	x	Minnesota HRV	Pesticide, catalyst	
				Maine (EU Carcinogen; REACH		
	Arsenic oxide, arsenic pentoxide, diarsenic			Substances of Very High		
1303-28-2	pentaoxide	Cancer		Concern); WA Appen1	Pesticide, wood preservation, dye	x (2006)
				Maine (EU Carcinogen; REACH		
				Substances of Very High	Pesticide (EPA reg. cancelled),	
1327-53-3	Arsenic trioxide, diarsenic trioxide	Cancer		Concern); WA Appen1	preserving hides, pigments	x (2006)
7784-42-1	Arsine	Blood		WA Appen1; Minnesota HRV	Organic synthesis, poison gas	
132207-32-0	Asbestos	Cancer		Maine (EU Carcinogen)		
12172-73-5	Asbestos (amosite)	Cancer		Maine (EU Carcinogen)		
				Maine (CA Prop 65; IARC; IRIS;		
1332-21-4	Asbestos (amphibole forms)	Cancer		NTP 11th ROC); WA Appen1		
77536-67-5	asbestos (anthophyllite)	Cancer		Maine (EU Carcinogen)		
12001-29-5	Asbestos (chrysotile)	Cancer		Maine (EU Carcinogen)		
12001-28-4	Asbestos (crocidolite)	Cancer		Maine (EU Carcinogen)		
77536-68-6	asbestos (tremolite)	Cancer		Maine (EU Carcinogen)		
3337-71-1	Asulam	Liver, Reproduction		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
				Maine (OSPAR Chemicals of		
		Cardiovascular system,		Concern; EU Endocrine		
		Endocrine system,		Disruptor); WA Appen1;		
1912-24-9	Atrazine	Reproduction		Minnesota HRL - EPA- MCL	Pesticide	
					Dye, pesticide (EPA reg. cancelled),	
492-80-8	Auramine	Cancer		Maine (CA Prop 65); WA Appen1	pharmaceutical	
65195-55-3	Avermectin B1	Development		IRIS; WA Appen1	Pesticide, veterinary pharmaceutical	
				Maine (CA Prop 65; IRIS); WA	Manufacture of dyes, rubber	
103-33-3	Azobenzene	Cancer		Appen1	accelerators, dyes	
					Foaming agent for plastics, blowing	
123-77-3	Azodicarboxamide	Respiratory system, Skin		HSDB	agent for synthetic, natural rubber	Х
7440 00 0		Cardiovascular system,		WA Appen1; IRIS; Minnesota		
7440-39-3	Barium	Kidney		HRL	Alloys, carrier for radium	
68359-37-5	Baythroid (Cyfluthrin)	Body weight, Kidney		IRIS; WA Appen1	Pesticide (FRA non-consultad)	
17004 35 3	Dan a roud	Development,		Maina (CA Diana CE) MAA	Pesticide (EPA reg. cancelled),	
17804-35-2	Benomyl (Besserven)	Reproduction			pharmaceutical	
25057-89-0	Bentazon (Basagran)	Blood		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
177406-68-7	Benthiavalicarb-isopropyl	Cancer		Maine (CA Prop 65)	Pesticide (not EPA registered)	
F0040 47 3	honzoldobudo 2 hudzani 5 zazad zaż			Maine (OSPAR Chemicals of	Defining and processing of weets!	
50849-47-3	benzaldehyde, 2-hydroxy-5-nonyl-, oxime		X	Concern); WA Appen1	Refining and processing of metals	



			Danaistant			
			Persistent,			
			Bioaccumulative,			
			Toxic or very Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
CAS Nulliber	Benzamide, 3,5-dibromo-N-(4-	nealth enuponit(s)	bioaccumulative	Maine (Canada PBiT); WA	Pesticide (EPA reg. cancelled),	years
87-10-5	bromophenyl)-2-hydroxy-		x	Appen1	pharmaceutical	
07 10 3	Benzamide, 3,5-dichloro-N-(3,4-		A	Maine (Canada PBiT); WA	pharmaceatical	
1154-59-2	dichlorophenyl)-2-hydroxy-		x	Appen1	Preservative, bacteriostat	
				The same	, , , , , , , , , , , , , , , , , , , ,	
	Benzamide, N-[5-[bis[2-(acetyloxy)ethyl]			Maine (Canada PBiT); WA		
29765-00-2	amino]-2-[(4-nitrophenyl)azo]phenyl]-		х	Appen1	Dye	
				Maine (OSPAR Chemicals of		
527-20-8	benzenamine, 2,3,4,5,6-pentachloro-		х	Concern); WA Appen1		
	benzenamine, 4-(2,6-diphenyl-4-pyridinyl)-			Maine (OSPAR Chemicals of		
29312-59-2	N,N-dimethyl-		х	Concern); WA Appen1	Paints, lacquers, varnishes	
	benzenamine, 4,4'-					
	(phenylmethylene)bis[N,N-dimethyl-			Maine (OSPAR Chemicals of		
129-73-7	(Leucomalachite green)		Х	Concern); WA Appen1	Dye	
	Benzenamine, 4,4',4"-methylidynetris[N,N-			Maine (Canada PBiT); WA		
603-48-5	dimethyl-		Х	Appen1		
	Benzenamine, 4,4'-[(1-methylethylidene)			Maine (Canada PBiT); WA		
13080-86-9	bis(4,1-phenyleneoxy)]bis-		Х	Appen1		
12600 25 0	benzenamine, 4,4'-methylenebis[2,6-			Maine (OSPAR Chemicals of		
13680-35-8	diethyl-		Х	Concern); WA Appen1	Chemical intermediate	
5285-60-9	benzenamine, 4,4'-methylenebis[N-(1-methylpropyl)-		.,	Maine (OSPAR Chemicals of		
3263-00-9	Benzenamine, 4,4'-methylenebis[N,N-		X	Concern); WA Appen1 Maine (OSPAR Chemicals of		
135-91-1	diethyl-		x	Concern); WA Appen1	Chemical intermediate	
133 31 1	Benzenamine, 4-[(2,6-dichloro-4-		^	Maine (Canada PBiT); WA	Chemical intermediate	
72927-94-7	nitrophenyl) azo]-N-(4-nitrophenyl)-		x	Appen1	Pigments, stains, dyes and inks	
72327 317	ind opticity is dead to the opticity is		Α	/ Inspect of the second of the	riginents, stains, ayes and into	
	Benzenamine, 4-[(2-chloro-4-nitrophenyl)			Maine (Canada PBiT); WA		
31030-27-0	azo]-N-ethyl-N-(2-phenoxyethyl)-		х	Appen1		
	benzenamine, N-(cyclopropylmethyl)-2,6-			Maine (OSPAR Chemicals of		
26399-36-0	dinitro-N-propyl-4-(trifluoromethyl)-		х	Concern); WA Appen1	Pesticide (EPA reg. cancelled)	
	benzenamine, N-[3-phenyl-4,5-					
	bis[(trifluoromethyl)imino]-2-			Maine (OSPAR Chemicals of		
37893-02-0	thiazolidinylidene]-		х	Concern); WA Appen1	Pesticide (not EPA registered)	
	benzenamine, N-butyl-N-ethyl-2,6-dinitro-4-			Maine (OSPAR Chemicals of		
1861-40-1	(trifluoromethyl)-		Х	Concern); WA Appen1	Pesticide	
	Benzenamine, N-phenyl-, reaction products			Maine (Canada PBiT); WA		
68921-45-9	with styrene and 2,4,4-trimethylpentene		Х	Appen1	Antioxidant additive in engine oils	X



			Persistent, Bioaccumulative,			
			Toxic or very			UDV /2006 and 2 of 4
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Sourcolcl	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
CAS Number	Chemical Name	Health endpoint(s)	Бюасситившие	Source(s)	Use example(s) or class	years)
				Maine (CA Prop 65; IARC; EU		
		Blood, Cancer,		Carcinogen; IRIS; NTP 11th ROC);		
		Development, Immune		WA Appen1; WA CHCC;	Inks, rubbers, lacquers, paint remover,	
71-43-2	Benzene	system, Reproduction			gasoline additive	х
	benzene, 1-(1,1-dimethylethyl)-2-methoxy-					
	4-methyl-3,5-dinitro- (Musk ambrette -			Maine (OSPAR Chemicals of		
83-66-9	artificial)		x	Concern); WA Appen1	Fragrances	
	Benzene, 1-(1,1-dimethylethyl)-3,4,5-			Maine (Canada PBiT); WA		
145-39-1	trimethyl-2,6-dinitro- (Musk tibetine)		Х	Appen1; Oregon P3 List	Fragrances	
				Maine (OSPAR Chemicals of		
				Concern; REACH Substances of		
	benzene, 1-(1,1-dimethylethyl)-3,5-			Very High Concern); WA Appen1;		
81-15-2	dimethyl-2,4,6-trinitro- (Musk xylene)		х	Oregon P3 List	Fragrance compounds, cosmetics	
	benzene, 1,1'-(1-methylethylidene)bis[3,5-			Maine (OSPAR Chemicals of		
21850-44-2	dibromo-4-(2,3-dibromopropoxy)-		Х	Concern); WA Appen1	Flame retardant in plastics	
	benzene, 1,1'-(2,2,2-			Maine (OSPAR Chemicals of		
475-26-3	trichloroethylidene)bis[4-fluoro-		Х	Concern); WA Appen1	Pesticide (not EPA registered)	
				Maine (CA Prop 65; IRIS; EU		
				Endocrine Disruptor; OSPAR		
				Chemicals of Concern); WA		
	benzene, 1,1'-(2,2-dichloroethylidene)bis[4-			Appen1; Oregon P3 List;		
72-54-8	chloro-	Cancer, Endocrine system	Х	Minnesota HRL	Pesticide (EPA reg. cancelled)	
	Danson			NASias (Carada DDIT), MA		
	Benzene, 1,1'-			Maine (Canada PBiT); WA	Consider and the consider	
40615-36-9	(chlorophenylmethylene)bis[4-methoxy-		X	Appen1	Specialty organic chemical	
				Maine (CA Prop 65; IRIS; EU		
				Endocrine Disruptor; OSPAR Chemicals of Concern); WA		
	benzene, 1,1'-(dichloroethenylidene)bis[4-	Cancer, Endocrine system,		Appen1; Oregon P3 List;		
	chloro-	Reproduction	V	Minnesota HRL	Pesticide contaminant	
72-33-3	CHOTO-	neproduction	X	Maine (OSPAR Chemicals of	Dyes, perfumes, manufacture of	
101-81-5	benzene, 1,1'-methylenebis-		x	Concern); WA Appen1	hexachlorophene	
101 01-2	denzene, 1,1 methylenebis		^	Maine (OSPAR Chemicals of	пеластногориене	
101-76-8	 benzene, 1,1'-methylenebis[4-chloro-		×	Concern); WA Appen1		
201 70 0	deniency 1,1 metryleneous 4 emoro			Maine (Canada PBiT); WA		
36483-60-0	Benzene, 1,1'-oxybis-, hexabromo deriv.		x	Appen1	Flame retardants	
30.00 00 0			~	Maine (Canada PBiT); WA		
40088-47-9	Benzene, 1,1'-oxybis-, tetrabromo deriv.		x	Appen1	Flame retardant	
	2, 2,2 2, 2 2 2 3 3 3 3 3 3 3			Maine (OSPAR Chemicals of		
				Concern; Canada PBiT); WA		
634-66-2	benzene, 1,2,3,4-tetrachloro-		x	Appen1	Dielectric fluids, chemical intermediate	
				Maine (Canada PBiT); WA		
944-61-6	Benzene, 1,2,3,4-tetrachloro-5,6-dimethoxy-		x	Appen1		



			Persistent, Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
		Treater enapermo(e)		Maine (OSPAR Chemicals of	Research, intermediate for pesticides,	y carey
634-90-2	Benzene, 1,2,3,5-tetrachloro-		x	Concern); WA Appen1	protection in packaging	
	. , , ,			Maine (OSPAR Chemicals of		
6936-40-9	benzene, 1,2,4,5-tetrachloro-3-methoxy-		x	Concern); WA Appen1		
	benzene, 1,2,4-trichloro-5-[(4-			Maine (OSPAR Chemicals of		
116-29-0	chlorophenyl)sulfonyl]-		x	Concern); WA Appen1	Pesticides (EPA reg. cancelled)	
				Maine (Canada PBiT); WA		
626-39-1	Benzene, 1,3,5-tribromo-		x	Appen1		
				Maine (OSPAR Chemicals of		
3278-89-5	benzene, 1,3,5-tribromo-2-(2-propenyloxy)-		х	Concern); WA Appen1	Flame retardant, polymer	
				Maine (OSPAR Chemicals of		
1836-77-7	benzene, 1,3,5-trichloro-2-(4-nitrophenoxy)-		x	Concern); WA Appen1	Pesticide (not EPA registered)	
				Maine (OSPAR Chemicals of		
1460-02-2	benzene, 1,3,5-tris(1,1-dimethylethyl)-		х	Concern); WA Appen1		
	Benzene, 1,3-bis(1-isocyanato-1-			Maine (Canada PBiT); WA	Intermediate, coatings, printing inks,	
2778-42-9	methylethyl)-		X	Appen1	sealants, wood coating	
	benzene, 1,4-dichloro-2,5-			Maine (OSPAR Chemicals of		
41999-84-2	bis(dichloromethyl)-		X	Concern); WA Appen1	Chemical intermediate	
	benzene, 1-[2-(2-chloroethoxy)ethoxy]-4-			Maine (OSPAR Chemicals of		
65925-28-2	(1,1,3,3-tetramethylbutyl)-		X	Concern); WA Appen1		
	benzene, 1-chloro-2-			Maine (OSPAR Chemicals of		
42074-68-0	(chlorodiphenylmethyl)-		Х	Concern); WA Appen1	Resins	
				Maine (CA Prop 65; EU		
				Endocrine Disruptor; OSPAR		
	benzene, 1-chloro-2-[2,2,2-trichloro-1-(4-	Development, Endocrine		Chemical of Concern); WA		
789-02-6	chlorophenyl)ethyl]-	system, Reproduction	X	Appen1	Pesticide (EPA reg. cancelled)	
				Maine (EU Endocrine Disruptor;		
	benzene, 1-chloro-2-[2,2-dichloro-1-(4-			OSPAR Chemicals of Concern);		
3424-82-6	chlorophenyl)ethenyl]-		Х	WA Appen1	Pesticide breakdown product	
				Maine (CA Prop 65; OSPAR	Chemicals intermediate for gelatinizing	
				Chemicals of Concern); WA	and waterproofing agent, explosives	
	benzene, 1-methyl-2,4-dinitro- 9 (2,4-			Appen1; REACH Substances of	intermediate, rubber chemicals, plastics	
121-14-2	Dinitrotoluene)	Cancer, Reproduction	X	Very High Concern	mfg	
				Maine (OSPAR Chemicals of	l	
25321-09-9	benzene, bis(1-methylethyl)-		X	Concern); WA Appen1	In gasoline	X
25340-17-4	Benzene, diethyl-	Development		EPA - RBP	Reactant	Х
07.03.4	hannana hayah := := =			Maine (OSPAR Chemicals of	Flames note adout	
87-82-1	benzene, hexabromo-		X	Concern); WA Appen1	Flame retardant	
20524 54 6	hanzana nantaharana/hanzana-thall			Maine (OSPAR Chemicals of	Chemical synthesis, chemical	
38521-51-6	benzene, pentabromo(bromomethyl)-		X	Concern); WA Appen1	intermediate	
07 02 2	hanzana nantahramamathul			Maine (OSPAR Chemicals of	Flame retardant (no longer in)	
87-83-2	benzene, pentabromomethyl-		X	Concern); WA Appen1 Maine (Canada PBiT); WA	Flame retardant (no longer in use)	
12409 10 5	Panzona tatrachlara		V			
12408-10-5	Benzene, tetrachloro-		X	Appen1		



			Persistent,			
			Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Benzeneacetic acid, 4-chloroalpha(4-			Maine (CA Prop 65; OSPAR Chemicals of High Concern); WA		
510-15-6	chlorophenyl)alphahydroxy-, ethyl ester	Cancer	x	Appen1	Pesticide (EPA reg. cancelled)	
310 13 0	emorophenyi aipha. Hydroxy , ethyr ester	Carreer	^	Преп	resticide (El Areg. currented)	
	Benzenediazonium, 2-methoxy-4-nitro-, salt			Maine (Canada PBiT); WA		
56307-70-1	with naphthalenedisulfonic acid (2:1)		х	Appen1	Dye	
	Benzenemethanol, 3,5-bis(1,1-					
	dimethylethyl)-4-hydroxy-, reaction			Maine (Canada PBiT); WA		
68910-11-2	products with 1,3,5-trimethylbenzene		Х	Appen1		
	hanzanamathanal 4 shlara alaha (4			Maine (OCDAD Chemicals of		
80-06-8	benzenemethanol, 4-chloroalpha(4-chlorophenyl)alphamethyl- (Dimite)		V	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (not EPA registered)	
80-00-8	Chlorophenyryaiphamethyr- (blinite)		X	Concern), WA Appeni	resticide (flot EFA Tegistered)	
	Benzenepropanoic acid, 3,5-bis(1,1-					
	dimethylethyl)-4-hydroxy-, (1,2-dioxo-1,2-			Maine (Canada PBiT); WA		
70331-94-1	ethanediyl) bis(imino-2,1-ethanediyl) ester		х	Appen1	Phenolic antioxidant/metal deactivator	
	Benzenepropanoic acid, 3,5-bis(1,1-				Stabilizer for polyolefins, elastomers;	
	dimethylethyl)-4-hydroxy-, 1,1'-(thiodi-2,1-				additive for synthetic and partially	
41484-35-9	ethanediyl) ester	Liver		EPA - HC	synthetic lubricants for engine oils.	Х
36294-24-3	Benzenepropanoic acid, 3,5-bis(1,1-			Maine (Canada PBiT); WA		
30294-24-3	dimethylethyl)-4-hydroxy-, ethyl ester Benzenesulfonamide, N-(4-amino-9,10-		X	Appen1		
	dihydro-3- methoxy-9,10-dioxo-1-					
	anthracenyl)-4-methyl- (C.I. Disperse Red			Maine (Canada PBiT); WA		
81-68-5	86)		x		Dye	
	Benzenesulfonic acid, [(9,10-dihydro-9,10-					
	dioxo- 1,4-anthracenediyl)bis(imino-4,1-			Maine (Canada PBiT); WA		
70161-19-2	phenyleneoxy)]bis -, disodium salt		Х	Appen1		
	Benzenesulfonic acid, [(9,10-dihydro-9,10-					
	dioxo- 1,4-anthracenediyl)diimino]bis[(1,1-			Maine (Canada PBiT); WA		
72749-91-8	dimethylethyl)-, sodium salt		x	Appen1		
72743 31 0	Benzenesulfonic acid, 2,2'-[(9,10-dihydro-		^	Преп		
	5,8-dihydroxy- 9,10-dioxo-1,4-					
	anthracenediyl)diimino]bis [5-(1,1-			Maine (Canada PBiT); WA		
83006-67-1	dimethylethyl)-, disodium salt		х	Appen1		
	Benzenesulfonic acid, 2-[[9,10-dihydro-4-[(4					
	methylphenyl) amino]-9,10-dioxo-1-					
60227 70 2	anthracenyl]amino] -5-methyl-,			Maine (Canada PBiT); WA		
68227-79-2	monoammonium salt		X	Appen1		
	benzenesulfonic acid, 2-amino-, (1-			Maine (OSPAR Chemicals of		
68015-60-1	methylethylidene)di-4,1-phenylene ester		x	Concern); WA Appen1	Paints, lacquers	
	pricing cold	I	1 "			



			Persistent,			
			Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Benzenesulfonic acid, 3,3'-[(9,10-dihydro-					
	9,10- dioxo-1,4-					
	anthracenediyl)diimino]bis[2,4,6-trimethyl -			Maine (Canada PBiT); WA		
4474-24-2	, disodium salt		X	Appen1	Dye	
	Benzenesulfonic acid, 3-[[4-amino-9,10-					
	dihydro- 9,10-dioxo-3-[sulfo-4-(1,1,3,3-					
	tetramethylbutyl)phenoxy]-1- anthracenyl]amino]-2,4,6-trimethyl-,			Maine (Canada PBiT); WA		
72243-90-4	disodium salt		V		Liquid laundry detergent	
72243-90-4	uisoululii sait		X	Appen1	Liquid ladiluly detergent	
	Benzenesulfonic acid, 4-[[3-[[2-hydroxy-3-					
	[[(4- methoxyphenyl)amino]carbonyl]-1-					
	naphthalenyl]azo] -4-methylbenzoyl]amino]			Maine (Canada PBiT); WA		
43035-18-3	, calcium salt (2:1)		X	Appen1	Pigment Red 247	
	,			Table 2	0	
	Benzenesulfonic acid, 5-amino-2,4-dimethyl					
	, diazotized, coupled with diazotized 2,4-,					
	2,5-and 2,6-xylidine and 4-[(2,4-					
	dihydroxyphenyl)azo]benzenesulfonic acid,			Maine (Canada PBiT); WA		
90218-20-5	sodium salts		х	Appen1		
	Benzenesulfonic acid, hydroxydinonyl-,			Maine (Canada PBiT); WA		
223777-68-2	branched, monoammonium salt		X	Appen1		
	Benzenesulfonic acid, oxybis[(1,1,3,3-			Maine (Canada PBiT); WA		
75908-83-7	tetramethylbutyl)-, dipotassium salt		X	Appen1		
				Maine (CA Prop 65; IARC; EU		
. .				Carcinogen; IRIS; NTP 11th ROC);		
92-87-5	Benzidine [and its salts]	Cancer			Dyes, reagent	
36341-27-2	Benzidine acetate	Cancer		Maine (EU Carcinogen)	Character and a	
531-85-1 531-86-2	Benzidine dihydrochloride Benzidine sulfate	Cancer		Maine (EU Carcinogen) Maine (EU Carcinogen)	Chromogen	
21136-70-9	Benzidine sulphate	Cancer Cancer		Maine (EU Carcinogen)	Dyes	
21130-70-3	Denziume suipnate	Cancel		Walle (Lo Calcillogell)	Dyes	
N/A	Benzidine-based dyes	Cancer		Maine (CA Prop 65); WA Appen2		
. 47				Maine (CA Prop 65; IRIS; NTP		
				11th ROC; EPA Final PBT Rule for		
				TRI; OSPAR Chemicals of		
				Concern); WA Appen1; Oregon		
56-55-3	Benzo(a)anthracene	Cancer	x	P3 List	Research	
				Maine (CA Prop 65; IRIS; EPA		
				Final PBT Rule for TRI; WA PBT		
				List; OSPAR Chemicals of		
				Concern); WA Appen1; Oregon		
218-01-9	Benzo(a)phenanthrene	Cancer	x	P3 List	Distillation of coal tar	
218-01-9	Benzo(a)phenanthrene	Cancer	x	Final PBT Rule for TRI; WA PBT List; OSPAR Chemicals of Concern); WA Appen1; Oregon	Distillation of coal tar	



			D			
			Persistent,			
			Bioaccumulative,			
			Toxic or very			HPV (2006 and 3 of 4
CAC Number	Chaminal Nama	Licelth and sint/a	Persistent, very	Sauracia)	Has avenuela/a\ av alaca	
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
				Maine (CA Prop 65; IARC; IRIS;		
				NTP 11th ROC; OSPAR Chemicals		
				of Concern; EU Endocrine		
				Disruptor; EPA Final PBT Rule for		
				TRI; EPA Priority PBT); Oregon P3		
50.22.0	December 1919	6 5. 1		List; WA Appen1; Minnesota		
50-32-8	Benzo(a)pyrene	Cancer, Endocrine system	Х	HRV	Combustion by product, research	
				Maine (CA Prop 65; NTP 11th		
				ROC; EPA Final PBT Rule for TRI;		
205.00.0	D (1)(1)			IRIS; WA PBT List); WA Appen1;		
205-99-2	Benzo(b)fluoranthene	Cancer	Х	Oregon P3 List	Research, combustion by-product	
				Maine (FDA Finel DDT Dule f		
				Maine (EPA Final PBT Rule for		
				TRI; TRI PBT Chemical List; NWM		
				Priority Chemicals; WA PBT List;		
404 04 0				OSPAR Chemicals of Concern);	L	
191-24-2	Benzo(g,h,i)perylene		X	WA Appen1; Oregon P3 List	Research, combustion by-product	
				Adding (CA Duay CE, NTD 444b		
				Maine (CA Prop 65; NTP 11th		
205 02 2	D (1) (1)			ROC; EPA Final PBT Rule for TRI;		
205-82-3	Benzo(j)fluoranthene	Cancer	X	WA PBT List); WA Appen1	Cancer research	
				Maine (EPA Final PBT Rule for		
				TRI; WA PBT List; OSPAR		
				Chemicals of Concern); Oregon	Lining materials from coal tar and	
206 44 0		West and the same			asphalt, research, fluorescent dyes,	
206-44-0	Benzo(j,k)fluorene (fluoranthene)	Kidney, Liver	X		stabilizer in epoxy adhesives	
				Maine (CA Prop 65; IRIS; NTP		
				11th ROC; EPA Final PBT Rule for		
				TRI; WA PBT List; OSPAR		
207.00.0	December 1970			Chemicals of Concern); WA		
207-08-9	Benzo(k)fluoranthene	Cancer	X	Appen1; Oregon P3 List	Combustion by-product	
				Maine (CA Dress CF: NITD 11th		
				Maine (CA Prop 65; NTP 11th		
				ROC; EPA Final PBT Rule for TRI;		
190 FF 0	Ponzo(r c t)nontanhana	Cancor		WA PBT List; OSPAR Chemicals of		
189-55-9	Benzo(r,s,t)pentaphene Benzo[b]thiophen-3(2H)-one, 4,7-dichloro-	Cancer	X	Concern); WA Appen1	Research, experimental carcinogen	
	2-(4,7-dichloro- 3-oxobenzo[b]thien-2(3H)-			Maine (Canada PBiT); WA		
14295-43-3	ylidene)-		V		Pigment red 88	
14295-43-3	lylluerie <i>)</i> -		X	Appen1	riginienit reu oō	
	Benzo[b]thiophen-3(2H)-one, 5,7-dichloro-					
	2-(6-chloro- 4-methyl-3-oxobenzo[b]thien-			Maine (Canada PBiT); WA		
6371-23-9	2(3H)-ylidene)-4-methyl -		V	*		
03/1-23-9	[2(3)1)-yiluelle)-4-illetilyi-		X	Appen1		



			Persistent,			
			Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Benzo[b]thiophen-3(2H)-one, 5-chloro-2-(5-					
	chloro-4,7- dimethyl-3-oxobenzo[b]thien-			Maine (Canada PBiT); WA		
2379-75-1	2(3H)-ylidene)-4,7-dimethyl -		Х	Appen1		
	Benzo[b]thiophen-3(2H)-one, 6-chloro-2-(6-					
	chloro-4-methyl- 3-oxobenzo[b]thien-2(3H)-			Maine (Canada PBiT); WA		
2379-74-0	ylidene)-4-methyl- (D and C Red No. 30)		x		Dye	
23/3 /4 0	yndency 4 methyr (b and e nea no. 50)		^	Maine (OSPAR Chemicals of		
215-58-7	 Benzo[b]triphenylene		x	Concern); WA Appen1	Combustion by-product	
213 30 7	benze (e) an priemy terre		^	Maine (OSPAR Chemicals of	compastion by product	
195-19-7	 Benzo[c]phenanthrene		x	Concern); WA Appen1		
				Maine (OSPAR Chemicals of		
192-97-2	benzo[e]pyrene		х	Concern); WA Appen1	Biochemical research, in coal tar	
	Benzo[h]benz[5,6]acridino[2,1,9,8-			Maine (Canada PBiT); WA		
475-71-8	klmna]acridine-8,16-dione		x	Appen1	Pigment	
					Coumarone-indene resins (plastic) mfg,	
					water resistance, processing coal tar	
271-89-6	Benzofuran	Cancer		Maine (CA Prop 65); WA Appen1	into coal oil	
	Benzoic acid, 2,3,4,5-tetrachloro-6-(2, 4,5,7-					
	tetrabromo-6-hydroxy-3-oxo-3H-xanthen-9-			Maine (Canada PBiT); WA		
2134-15-8	yl) -		Х	Appen1	Dye	
	Bannaia acid 2 2 4 5 tatwachlara Carrana					
	Benzoic acid, 2,3,4,5-tetrachloro-6-cyano-, methyl ester, reaction products with 4-[(4-					
				Maine (Canada BRiT): WA		
106276-78-2	aminophenyl)azo]-3-methylbenzenamine and sodium methoxide		V	Maine (Canada PBiT); WA	Colorant for textile fiber	
100270-78-2	Benzoic acid, 2-[(3,5-dibromo-4-		X	Appen1	Colorant for textile fiber	
	hydroxyphenyl) (3,5-dibromo-4-oxo-2,5-					
	cyclohexadien-1-ylidene)methyl]-, ethyl			Maine (Canada PBiT); WA		
1176-74-5	ester		x	Appen1		
	Benzoic acid, 4-[1-[[(2,4-dichlorophenyl)			Maine (Canada PBiT); WA		
58161-93-6	amino]carbonyl]-3,3-dimethyl-2-oxobutoxy]		х	Appen1	Photographic / photocopier	
	Benzonitrile, 2-[[4-[(2-cyanoethyl)(2-			Maine (Canada PBiT); WA		
24610-00-2	phenylethyl) amino]phenyl]azo]-5-nitro-		Х	Appen1		
	Benzonitrile, 2-[[4-[[2-(acetyloxy)ethyl]					
	butylamino]-2-methylphenyl]azo]-3-bromo-			Maine (Canada PBiT); WA		
72828-63-8	5-nitro -		Х	Appen1		
	Ponzonitrilo 2 bromo 2 [[4 (diethylemine)			Maine (Canada PRIT), MA		
83249-49-4	Benzonitrile, 3-bromo-2-[[4-(diethylamino) - 2-methylphenyl]azo]-5-methyl-		V	Maine (Canada PBiT); WA		
03243-43-4	z-methyrphenyrjazoj-5-methyl-		Х	Appen1		



CAS Number	Chemical Name	Health endpoint(s)	Persistent, Bioaccumulative, Toxic or very Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
		2			Fixative for heavy perfumes, paints,	, ,
					lacquers, varnish, cosmetics, UV	
					absorbers, occurs naturally in some	
119-61-9	Benzophenone	Kidney, Liver		NTP	foods	х
	2 (0 - 2) 2 2 4 4			Maria (Ell Endante Bionale)		
424 55 5	Benzophenone-2 (Bp-2), 2,2',4,4'-	E. J. M. Marketter		Maine (EU Endocrine Disruptor);	107	
131-55-5	tetrahydroxybenzophenone	Endocrine system		WA Appen1; WA CHCC	UV screen	
				Maine (CA Prop 65; IARC; IRIS; NTP 11th ROC); WA Appen1;	Organic chemical synthesis, production	
98-07-7	 Benzotrichloride	Cancer		Oregon P3 List	of pesticides	v
38-07-7	Benzoxazolium, 2-[3-[5,6-dichloro-1-ethyl-	Cancer		Oregon F3 List	or pesticides	X
	1,3-dihydro-3-(3-sulfopropyl)-2H-					
	benzimidazol-2 -ylidene]-1-propenyl]-3-			Maine (Canada PBiT); WA		
19163-98-5	ethyl-, hydroxide, inner salt		x	Appen1		
	, , , , , , , , , , , , , , , , , , , ,			Maine (CA Prop 65; IARC; IRIS);	Manufacture of benzyl compounds,	
100-44-7	Benzyl chloride	Cancer		WA Appen1	photographic developer	х
1694-09-3	Benzyl violet 4B	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
				Maine (CA Prop 65; IARC; IRIS;	Component of metal alloys, materials	
					for space options, aircraft brakes	
7440-41-7	Beryllium and beryllium compounds	Cancer		CHCC; Minnesota HRV	(several uses)	
3068-88-0	beta-Butyrolactone	Cancer		Maine (CA Prop 65); WA Appen1		
3008-88-0	Deta-Butyrolactorie	Cancer		Maine (OSPAR Chemicals of		
				Concern; EU Endocrine		
				Disruptor); WA Appen1; Oregon		
319-85-7	beta-HCH	Endocrine system	x	P3 List	Pesticide (not EPA registered)	
		,		Maine (CA Prop 65; NTP 11th	, , ,	
57-57-8	beta-Propiolactone	Cancer		ROC); WA Appen1	Chemical mfg, disinfectant	
				Maine (EU Endocrine Disruptor;		
	bicyclo(2.2.1)heptan-2-one, 1,7,7-trimethyl-			OSPAR Chemicals of Concern);		
36861-47-9	3-[(4-methylphenyl)methylene]-	Endocrine system	Х	WA Appen1	Cosmetics, UV protectant	
	bicyclo[2.2.1]hepta-2,5-diene, 1,2,3,4,7,7-			Maine (OSPAR Chemicals of		
3389-71-7	hexachloro-		Х	Concern); WA Appen1		
					Food additive, chemical intermediate,	
	bicyclo[2.2.1]heptane, 2,2-dimethyl-3-			Maine (OSPAR Chemicals of	pharmaceutical, mothproofing,	
79-92-5	methylene- (Camphene)		Х	Concern); WA Appen1	fragrance	Х
				Maine (Ell Englanding Di		
92657.04.2	Difonthrin (Toletar)	Endopring systems		Maine (EU Endocrine Disruptor);	Dosticido	
82657-04-3	Bifenthrin (Talstar)	Endocrine system	X	WA Appen1; Oregon P3 List	Pesticide Chamical intermediate in dvo mfg	
108-60-1	Ris/2-chloro-1-mathylathyl) ather	Blood		IDIS: WA Append	Chemical intermediate in dye mfg,	
108-60-1	Bis(2-chloro-1-methylethyl) ether	Blood		IRIS; WA Appen1	pharmaceuticals, resins	



CAS Number	Chemical Name	Health endpoint(s)	Persistent, Bioaccumulative, Toxic or very Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
111-44-4	Bis(2-chloroethyl)ether	Cancer		Maine (CA Prop 65; IRIS); WA Appen1; Minnesota HRL	Reagent, solvent, scavenge lead deposits in gasoline, anesthetic, pesticide mfg	x
111-96-6	bis(2-methoxyethyl)ether (Diglyme)	Blood, Development		EPA - RBP	Specialty solvent, production of plastics, manufacture of semiconductor chips, sealants	х
542-88-1	Bis(chloromethyl)ether	Cancer		Maine (CA Prop 65; IARC; EU Carcinogen; IRIS; NTP 11th ROC); WA Appen1; Minnesota HRL; Minnesota HRV	Reagent, ion-exchange resins, plastics mfg	
				Maine (EU Endocrine Disruptor; EU PBT List; OSPAR Chemicals of Concern; REACH Substances of Very High Concern; Canada PBiT); WA Appen1; Oregon P3		
56-35-9	Bis(tributyltin)oxide (TBTO)	Endocrine system	х	List Maine (Canada PBiT); WA	Antimicrobials, slimasides	
603-33-8	Bismuthine, triphenyl-		Х	Appen1		
2971-36-0	Bis-OH-Methoxychlor = 1,1,1-trichloro-2,2- bis(4-hydroxyphenyl)ethane (HTPE)	Endocrine system		Maine (EU Endocrine Disruptor); WA Appen1		
N/A	Bitumens, extracts of steam-refined and air refined	Cancer		Maine (CA Prop 65); WA Appen2		
10043-35-3	Boric acid	Endocrine system		Maine (EU Endocrine Disruptor); WA Appen1	Pesticide, flame retardant, soldering flux, weatherproofing	x (2006)
7440-42-8	Boron	Development		WA Appen1; Minnesota RAA	Composite structural materials, high temperature abrasive for alloys (several uses)	x (2006)
53404-19-6	Bromacil lithium salt	Development, Reproduction		Maine (CA Prop 65); WA Appen1 Maine (CA Prop 65; IRIS); WA	Pesticide	
15541-45-4	Bromate	Cancer		Appen1	Hair care, water disinfection by-product	
5589-96-8	Bromochloroacetic acid	Cancer		CA Prop 65	By-product from water disinfection	
1715-40-8	bromocylene		х	Maine (OSPAR Chemicals of Concern); WA Appen1 Maine (CA Prop 65; IRIS; NTP	Pesticide (not EPA registered) and pharmaceutical	
75-27-4	Bromodichloromethane	Cancer		11th ROC); WA Appen1; Minnesota HRL	Reagent, organic synthesis	
74-96-4	Bromoethane	Cancer		Maine (CA Prop 65); WA Appen1	Ethylating agent, chemical mfg	x
75-25-2	Bromoform	Cancer		Maine (CA Prop 65; IRIS); WA Appen1; Minnesota HRL	Solvent, intermediate in chemical mfg, reagent	
1689-84-5	Bromoxynil	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	



			Persistent, Bioaccumulative, Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
1689-99-2	Bromoxynil octanoate	Cancer		Maine (CA Prop 65); WA Appen1		
	Butanamide, 2,2'-[(3,3'-dimethoxy[1,1'-					
7147-42-4	biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2- methylphenyl)-3-oxo-		х	Maine (Canada PBiT); WA Appen1	Pigments, inks, plastics	
	Butanamide, 2-[[3,3'-dichloro-4'-[[1- [[(2-chlorophenyl)amino]carbonyl]-2-					
	oxopropyl]azo][1,1'-biphenyl]-4-yl]azo]-N-			Maine (Canada PBiT); WA		
78952-70-2	(2,4-dimethylphenyl)- 3-oxo-		х	Appen1	Dye	
	Butanamide, 2-[2,4-bis(1,1-dimethylpropyl)			Maine (Canada PBiT); WA		
86551-61-3	phenoxy]-N-[4-(2-formylhydrazino)phenyl]-		x	Appen1		
	butane (containing 0.1 % butadiene (203-				Aerosol propellant, fuel, natural gas,	
106-97-8	450-8))	Cancer		Maine (EU Carcinogen)	liquefied petroleum gas	Х
	butanoyl chloride, 4-[2,4-bis(1,1-			Maine (OSPAR Chemicals of		
50772-29-7	dimethylpropyl)phenoxy]-	11	Х	Concern); WA Appen1	Chemical intermediate	
2008-41-5	Butylate	Liver		IRIS; WA Appen1 Maine (CA Prop 65; NTP 11th	Pesticide	
				ROC; OSPAR Chemicals of		
				Concern; EU Endocrine		
				Disruptor); WA Appen1; WA		
25013-16-5	butylhydroxyanisol	Cancer, Endocrine system		СНСС	Commercial stabilizer, antioxidant	
				Maine (OSPAR Chemicals of		
98-54-4	Butylphenol	Endocrine system		Concern); WA Appen1	Plasticizer, chemical intermediate	Х
		Eyes, Respiratory system,			Rubber accelerators, synthesis of resins,	
123-72-8	Butyraldehyde	Skin		HSDB	solvents, plasticizers	Х
6459-94-5	C.I. Acid Red 114	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
				Maine (CA Prop 65; NTP 11th		
569-61-9	C.I. Basic Red 9 monohydrochloride	Cancer		ROC); WA Appen1	Textile dye, leather, paper, stain	
2429-74-5	C.I. Direct Blue 15	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
28407-37-6	C.I. Direct Blue 218	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
	C.I. Pigment Red 104 [This substance is identified in the Colour Index by Colour			Maine (EU Reproductive		
	Index Constitution Number, C.I. 77605.],			Toxicant); REACH Substance of		
12656-85-8	Lead chromate molybdate sulfate red	Cancer, Reproduction		Very High Concern	Pigment	
	C.I. Pigment Yellow 34 [This substance is					
	identified in the Colour Index by Colour			Maine (EU Reproductive		
	Index Constitution Number, C.I. 77603.],			Toxicant); REACH Substance of		
1344-37-2	Lead sulfochromate yellow	Cancer, Reproduction		Very High Concern	Pigment	x (2006)
0.42 07 0				Maine (CA Prop 65); WA		
842-07-9	C.I. Solvent Yellow 14	Cancer		Appen1; WA CHCC	Dye	



CAS Number	Chemical Name	Health endpoint(s)	Persistent, Bioaccumulative, Toxic or very Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
1326-49-4	C.I. Sulphur Orange 1		x	Maine (Canada PBiT); WA Appen1		
75-60-5	Cacodylic acid	Cancer		Maine (CA Prop 65); WA Appen1	Desiccant, ripener, defoliant, pharmaceutical	
7440-43-9	Cadmium	Cancer, Development, Kidney, Reproduction	x	Maine (CA Prop 65; IARC; IRIS; NTP 11th ROC; NWM Priority Chemicals); WA Appen1; Oregon P3 List; Minnesota HRV; Minnesota HRL	Electroplating, enamels, batteries	x (2006)
10108-64-2	Cadmium chloride	indirey, Reproduction	x	Maine (OSPAR Chemicals of Concern); WA Appen1	Photography, veterinary pharmaceutical, pesticide (EPA reg. cancelled)	X (2000)
331-39-5	Caffeic acid	Cancer Nervous system, Thyroid,		Maine (CA Prop 65); WA Appen1	Natural compound, research In stainless steel mfg, pesticide (EPA	
592-01-8	Calcium cyanide	Weight Loss		IRIS; WA Appen1	reg. cancelled)	
105-60-2	Caprolactam	Reproduction		IRIS; WA Appen1	Manufacture of synthetic fibers, like nylon 6; bristles, coatings, plasticizers	х
2425-06-1	Captafol	Cancer		Maine (CA Prop 65; IARC); WA Appen1	Pesticide (not EPA registered)	
133-06-2	Captan	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
59583-77-6	Carbamic acid, (3,4-dichlorophenyl)-, 2- [butyl[4-(2,2-dicyanoethenyl) -3- methylphenyl]amino]ethyl ester		х	Maine (Canada PBiT); WA Appen1		
68214-66-4	Carbamic acid, [2-[(2-chloro-4-nitrophenyl) azo]-5-(diethylamino)phenyl]-, 2-ethoxyethyl ester		х	Maine (Canada PBiT); WA Appen1		
6465-02-7	Carbamic acid, [4-[[4-[(4-hydroxyphenyl) azo]-2-methylphenyl]azo]phenyl]-, methyl ester		x	Maine (Canada PBiT); WA Appen1		
93918-79-7	Carbamic acid, cyclohexyl-, nitrilotri-2,1-ethanediyl ester		x	Maine (Canada PBiT); WA Appen1		
2303-17-5	carbamothioic acid, bis(1-methylethyl)-, S- (2,3,3-trichloro-2-propenyl) ester		x	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide	
63-25-2	Carbaryl	Endocrine system		Maine (EU Endocrine Disruptor); WA Appen1	Pesticide	
86-74-8	Carbazole	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide mfg, lubricants, rubber antioxidants, dye intermediate	
1563-66-2	Carbofuran	Blood, Nervous system, Reproductive		HSDB; IRIS; WA Appen1	Pesticide	x



			Persistent, Bioaccumulative, Toxic or very Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Carbon black (airborne, unbound particles				Pigment, printing, drawing inks,	
1333-86-4	of respirable size)	Cancer		Maine (CA Prop 65); WA Appen1	chemical reducing agent	
				Maine (CA Prop 65); WA		
		Development, Nervous		Appen1; WA CHCC; Minnesota	Pesticide (EPA reg. cancelled), rayon	
75-15-0	Carbon disulfide	system, Reproduction		HRL; Minnesota HRV	mfg	Х
				Maine (CA Prop 65; EU		
620.00.0		Blood, Development,		Reproductive Toxicant); WA	Combustion by product, reducing agent	
630-08-0	Carbon monoxide	Reproduction		Appen1	in metallurgical operations	X
				Maine (CA Prop 65; IRIS; NTP 11th ROC); WA Appen1;	Pesticide (EPA reg. cancelled), fire reduction, solvent, fumigant, dry	
56-23-5	Carbon tetrachloride	Cancer		Minnesota HRL	cleaning	x
30 23 3		Carreer		I I I I I I I I I I I I I I I I I I I	le coming a series de la coming a series de	Α
N/A	Carbon-black extracts	Cancer		Maine (CA Prop 65); WA Appen2		
	Carbonic acid disodium salt, reaction					
	products with aniline, 4-nitrobenzenamine,					
00260 00 7	p-phenylenediamine, sodium sulfide, sulfur			Maine (Canada PBiT); WA		
90268-98-7	and p-toluidine	(Mortality: acute exposure)	X	Appen1		
		no repeated dose,				
		Development or				
		Reproduction results			Intermediate in mfg of pesticides and	
2231-57-4	Carbonothioic dihydrazide	available		EPA - HC	agricultural chemicals	х
55285-14-8	Carbosulfan	Body weight		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
		Body weight, Mortality,				
5234-68-4	Carboxin	Organs		IRIS; WA Appen1	Pesticide	
					Antiovidant in rubbor, chamical	
					Antioxidant in rubber, chemical, photographic, dye, fat, oil, anti-fungal	
120-80-9	Catechol	Cancer		Maine (CA Prop 65); WA Appen1	preservative, photographic developer	х
133-90-4	Chloramben	Liver		Minnesota HRL; WA Appen1	Pesticide (EPA reg. cancelled)	
				Maine (CA Prop 65; OSPAR		
				Chemicals of Concern; EU		
				Endocrine Disruptor; EPA Final		
				PBT Rule for TRI; TRI PBT		
57-74-9	Chlordane	Cancer Endocrine system	V	Chemical List; EPA Priority PBT;	Posticido (EDA rog. cancollod)	
37-74-9	Ciliorualie	Cancer, Endocrine system	X	WA PBT List); WA Appen1 Maine (Canada PBiT; IRIS; EU	Pesticide (EPA reg. cancelled)	
				Endocrine Disruptor); WA		
12789-03-6	Chlordane	Cancer	x	Appen1	Pesticide (EPA reg. cancelled)	
5103-71-9	Chlordane, cis-		х	Oregon P3 List	Pesticide (not EPA registered)	
5103-74-2	Chlordane, trans-		х	Oregon P3 List	Pesticide (not EPA registered)	



			Persistent,			
			Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
				Maine (CA Prop 65; NTP 11th		
				ROC; EU Endocrine Disruptor;		
				WA PBT List; OSPAR Chemicals of		
		Cancer, Development,		Concern); WA Appen1; Oregon	Pesticide (not EPA registered), kelevan	
143-50-0	Chlordecone (Kepone)	Endocrine system	х		mfg	
				Maine (CA Prop 65; EU	-	
				Endocrine Disruptor); WA		
6164-98-3	Chlordimeform	Cancer, Endocrine system		Appen1	Pesticide (EPA reg. cancelled)	
				Maine (CA Prop 65; NTP 11th		
115-28-6	Chlorendic acid	Cancer		ROC); WA Appen1	Flame retardant	
90982-32-4	Chlorimuron-ethyl	Blood		IRIS; WA Appen1	Pesticide	
	Chlorinated paraffins (Average chain length,					
	C12;approximately 60 percent chlorine by			Maine (CA Prop 65; NTP 11th		
108171-26-2	weight)	Cancer		ROC); WA Appen1	Paraffins	
7782-50-5	Chlorine	Respiratory system		WA Appen1; Minnesota HRV	Disinfectant	Х
		Nervous system, Thyroid,			Tear gas, warning agent, chemical	
506-77-4	Chlorine cyanide	Weight Loss		IRIS; WA Appen1	synthesis	
300 // 1	Cinornic dyariac	Treagne 2000		mo, mapeni	Pesticide, bleaching agent, disinfectant,	
10049-04-4	Chlorine Dioxide	Respiratory system		WA Appen1; Minnesota HRV	leather	x (2006)
10043 04 4	CHIGHNE BIOXIGE	Respiratory system		W///Appenii, Willinesota III.V	Bleaching agent, water purification,	X (2000)
7758-19-2	Chlorite (sodium salt)	Nervous system		IRIS; WA Appen1	disinfectant	x (2006)
7750 15 2	Chrome (Social France)	TVCT VOUS SYSTEM		inis, withpeni	alsimeetant.	X (2000)
		Cardiovascular system,				
		Development, Eyes, Kidney,			Crop protection chemicals,	
		Liver, Nervous System,			carboxymethylcellulose, paints,	
79-11-8	Chloroacetic acid	•		W/A Appoint OECD SIDS/SIAP	pharmaceuticals	V
79-11-0	Cilioloacetic acid	Respiratory system, Skin Eyes, Mortality, Respiratory		WA Appen1; OECD - SIDS/SIAR	Chemical intermediate,	X
70.04.0	Chloroacetyl chloride	system, Skin		EPA - HC	chloroacetophenone mfg, tear gas	v
79-04-9	Chloroacetyl chloride	system, skiii		EPA - HC	Manufacturing of phenol, aniline, DDT,	X
100 00 7	Chlorobonzono	Liver		M/A Appoint Minnesota IIDI	1	
108-90-7	Chlorobenzene	Liver		WA Appen1; Minnesota HRL	paints, dry-cleaning	X
		Development, Endocrine		Maine (CA Prop 65); WA	Chamical intermediate refrirement	
75 00 3	Chloroothana (Ethyl chlorida)	system, Nervous System,		Appen1; Minnesota RAA;	Chemical intermediate, refrigerant,	
75-00-3	Chloroethane (Ethyl chloride)	Reproduction		Minnesota HRV	solvents, pharmaceutical	X
		Concer Developer		Maine (CA Press CE, IDIC, NITE		
		Cancer, Development,		Maine (CA Prop 65; IRIS; NTP		
67.66.3	Chloroform	Immune system,		11th ROC); WA Appen1;	Salvant	
67-66-3	Chloroform	Reproduction		Minnesota HRL; Minnesota HRV		X
	Chilara mathed mathed at the Chilara			Maine (CA Prop 65; IARC; EU	Alkylating agent and solvent in water	
407.00.0	Chloromethyl methyl ether (technical				repellents mfg, chloromethylated	
107-30-2	grade)	Cancer		WA Appen1	compounds	
126.60.0				Maine (CA Prop 65; NTP 11th	Component of adhesives, artificial	
126-99-8	Chloroprene	Cancer		ROC); WA Appen1	rubber mfg, neoprene	
				Maine (CA Prop 65); WA		
1897-45-6	Chlorothalonil	Cancer		Appen1; Minnesota HRL	Pesticide	



CAS Number	Chemical Name	Health endpoint(s)	Persistent, Bioaccumulative, Toxic or very Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
					Chlorotrifluoroethylene resins mfg,	
70.20.0	Chila matariffu a marathuda ma	Wishes and		LICER	synthesis of plastics, lubricants,	
79-38-9 101-21-3	Chlorotrifluoroethylene Chlorpropham	Kidney Spleen		HSDB IRIS; WA Appen1	elastomers Pesticide	X
101-21-3	Спографиян	Development,		inis, wa appeni	resticide	
64902-72-3	Chlorsulfuron	Reproduction		Maine (CA Prop 65); WA Appen1	Pesticide	
1861-32-1	Chlorthal-dimethy (Dacthal)	Kidney, Liver, Respiratory system, Thyroid		IRIS; WA Appen1	Pesticide	
	Chromate(1-), bis[3,5-bis(1,1-dimethylethyl)			Maine (Canada PBiT); WA		
72869-85-3	-2-hydroxybenzoato(2-)-O1,O2]-, hydrogen		Х	Appen1	Inks, toner	
1333-82-0	Chromium (VI) trioxide	Cancer		Maine (EU Carcinogen); WA Appen1	Metal finishing, corrosion inhibitor, chemical intermediate, pharmaceutical	x (2006)
18540-29-9	Chromium(VI)	Cancer, Respiratory system		Maine (IARC; IRIS; NTP 11th ROC); WA Appen1; Minnesota HRV	Chrome plating, dyes, pigments	
				Maine (OSPAR Chemicals of		
3351-28-8	chrysene, 1-methyl-		X	Concern); WA Appen1	PAH	
1705-85-7	chrysene, 6-methyl-		v	Maine (OSPAR Chemicals of Concern); WA Appen1	In tobacco smoke	
1703-83-7	chrysene, o-methyl-		X	Concern), WA Appeni	III tobacco sinoke	
87-29-6	Cinnamyl anthranilate	Cancer		Maine (CA Prop 65); WA Appen1	 Flavoring agent	
156-59-2	cis-1,2-Dichloroethene	Blood		WA Appen1; Minnesota HRL	Solvent, chemical intermediate	
5103-73-1	Cis-Nonachlor	Endocrine system	X	Maine (EU Endocrine Disruptor); WA Appen1; Oregon P3 List	Pesticide (not EPA registered)	
6358-53-8	Citrus Red No. 2	Cancer		Maine (CA Prop 65); WA Appen1	Dvo	
0338-33-8	Citi us Neu No. 2	Cancer		Maine (EU Endocrine Disruptor);		
54991-93-4	Clophen A30	Endocrine system		WA Appen1	РСВ	
				Maine (EU Endocrine		
8068-44-8	Clophen A50	Endocrine system		disruptors); WA Appen1	congeners of PCBs	
65996-90-9	Coal oil, Tar, coal, low-temp.	Cancer		Maine (EU Carcinogen)		
CE00C 00 C	Control Tour cont high toward	Company		Maine (EU Carcinogen; NTP 11th		
65996-89-6	Coal tar, Tar, coal, high-temp.	Cancer		ROC) Maine (IARC; EU Carcinogen;		X
				IRIS); WA Appen1; Minnesota		
8007-45-2	Coal-tars	Cancer		HRV	Roofing, burning as fuel	x
1307-96-6	Cobalt [II] oxide	Cancer		Maine (CA Prop 65); WA Appen1	Pigments, catalyst	x (2006)
7646-79-9	Cobalt dichloride	Cancer		Maine (REACH Substance of Very High Concern); WA Appen1	Absorbent in ammonia masks, lubricant, dye mordant	x (2006)



CAS Number	Chemical Name	Health endpoint(s)	Persistent, Bioaccumulative, Toxic or very Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
				Maine (CA Prop 65); WA	Metal alloys, aluminum salts, in tools	(0.000)
7440-48-4	Cobalt metal powder	Cancer		Appen1; WA CHCC	(several uses)	x (2006)
10124-43-3	Cobalt sulfate	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	In batteries, electroplating	x (2006)
10124-43-3	Copail suitate	Cancer		NOC), WA Appeni	Electroplating and electro chemical	X (2000)
10026-24-1	Cobalt sulfate heptahydrate	Cancer		Maine (CA Prop 65); WA Appen1	industry, colorant, drying agent	
10010 1 1		G		(0,11,10)	Corrosion inhibitor, dishwashing	
68603-42-9	Coconut diethanolamide	Kidney, Skin		HSDB	detergent, surfactant	X
		Development,				
64-86-8	Colchicine	Reproduction		Maine (CA Prop 65); WA Appen1	Pharmaceutical, research	
544-92-3	Copper cyanide	Body Weight, Kidney, Liver		IRIS; WA Appen1	Electroplating	
				Maine (OSPAR Chemicals of		
191-07-1	Coronene		Х	Concern); WA Appen1		
8001-58-9	Creosotes	Cancer		Maine (IARC; IRIS); WA Appen1	wood preservation, lubricant	X
120002 25 0	Courds sil (sil soud)			Maine (Canada PBiT); WA		
128683-25-0	Crude oil (oil sand)		X	Appen1		
				CA Prop 65; WA Appen1;	Production of chemical, thinner for	
98-82-8	Cumene	Cancer, Kidney			paints, enamels, lacquers	x
30 02 0	Comenc	Carreer, Mariey		Willingsoft Titty, Willingsoft Title	Production of acetone and phenol,	A
80-15-9	Cumene hydroperoxide	Respiratory system, Skin		HSDB	curing agent	х
	, 1			Maine (CA Prop 65; NTP 11th	5 6	
135-20-6	Cupferron	Cancer		ROC); WA Appen1	Reagent	
					Raw materials for melamine and	
420-04-2	Cyanamide	Liver, Skin		HSDB	guanidine, herbicide	Х
				Maine (CA Prop 65); WA		
21725-46-2	Cyanazine	Development, Kidney, Liver		Appen1; Minnesota HRL	Pesticide (EPA reg. cancelled)	
		Nervous system, Thyroid,		IRIS; WA Appen1; Minnesota	Electroplating, chemicals mfg, naturally	
57-12-5	Cyanide, free	Weight Loss		HRL	occurring in some foods	
460 40 5		Nervous system, Thyroid,		IBIC WAA A	e des for aller and aller	
460-19-5	Cyanogen	Weight Loss		IRIS; WA Appen1	Fuel gas for welding and cutting	
108-77-0	Cyanuric chloride	Development, Respiratory		OECD - SIDS/SIAR	Dyestuffs, herbicides, optical brighteners	, , , , , , , , , , , , , , , , , , ,
106-77-0	Cyanunic cinoride	system, Skin		OECD - SIDS/SIAN	brighteners	X
1134-23-2	Cycloate	Development		Maine (CA Prop 65); WA Appen1	Pesticide	
				Maine (EU PBT List; OSPAR		
				Chemicals of Concern; OSPAR		
				Chemicals for Priority Action;		
				REACH Substances of Very High	Intermediate in production of	
294-62-2	Cyclododecane		х	Concern); WA Appen1	polyamides, polyesters, nylon 12	Х
				Maine (Canada PBiT); WA		
				Appen1; REACH Substances of		
3194-55-6	Cyclododecane, 1,2,5,6,9,10-hexabromo-		х	Very High Concern	Flame retardant	Х



CAS Number	Chemical Name	Health endpoint(s)	Persistent, Bioaccumulative, Toxic or very Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
		, , ,		, ,		•
				Maine (EU Endocrine disruptors;		
500 70 4	1224561 11 (11011)			IRIS; OSPAR Chemicals of		
608-73-1	cyclohexane, 1,2,3,4,5,6-hexachloro- (HCH)	Cancer	X	Concern); WA Appen1 Maine (Canada PBiT); WA	Pesticide (EPA reg. cancelled)	
540-97-6	Cyclohexasiloxane, dodecamethyl-		x	Appen1		x
340 37 0	cyclohexene, 1-methyl-4-(1-methylethenyl)-		^	Maine (OSPAR Chemicals of	Flavorings, fragrances, cosmetics,	^
5989-27-5	, (R)-		x	Concern); WA Appen1	insecticide	
					Pesticide (EPA reg. cancelled),	
66-81-9	Cycloheximide	Development		Maine (CA Prop 65); WA Appen1	pharmaceutical	
108-91-8	Cyclohexlamine	Reproduction, Skin		HSDB; IRIS; WA Appen1	In org synthesis, manufacture of insecticides, plasticizers, emulsifying agents, dry-cleaning soaps	х
121 02 4	Cyclonite (RDV)	Donradustion		ATCDD: UCDD: WA Appoint	Explosive, rat poison, base charge for	v
121-82-4 27208-37-3	Cyclonite (RDX) Cyclopenta[cd]pyrene	Reproduction Cancer		ATSDR; HSDB; WA Appen1 Maine (IARC); WA Appen1	detonators In carbon black	X
27208-37-3	Сусторента[са]ругене	Caricer		iviaine (iAiC), WA Appeni	in carbon black	
541-02-6	Cyclopentasiloxane, decamethyl-		х	Maine (Canada PBiT); WA Appen1; Oregon P3 List	Hair preparations, antiperspirants, high purity silicone fluid, cosmetics, toiletries	х
68085-85-8	cyclopropanecarboxylic acid, 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethyl-, cyano(3-phenoxyphenyl)methyl ester		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (not EPA registered)	
10448-09-6	Cyclotetrasiloxane, heptamethylphenyl-		x	Maine (Canada PBiT); WA Appen1	Adhesive binder	
556-67-2	Cyclotetrasiloxane, octamethyl-	Endocrine system	х	Maine (EU Endocrine Disruptor;	Preparation of methyl silicon oils, silicon fluid mixtures	х
91465-08-6	Cyhalothrin (Karate)	Endocrine system	X	Maine (EU Endocrine Disruptor); WA Appen1; Oregon P3 List	Pesticide	
52315-07-8	Cypermethrin	Gastrointestinal system	^	IRIS; WA Appen1	Pesticide, pharmaceutical	
66215-27-8	Cyromazine	Blood		IRIS; WA Appen1	Pesticide	
67219-55-0	Cytidine, N-benzoyl-5'-O-[bis(4-methoxyphenyl) phenylmethyl]-2'-deoxy-		x	Maine (Canada PBiT); WA Appen1	Nucleoside	
81-88-9	D&C Red No. 19	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
2092-56-0	D&C Red No. 8	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
5160-02-1	D&C Red No. 9	Cancer		Maine (CA Prop 65); WA Appen1	-	Х
75-99-0	Dalapon, sodium salt	Kidney		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	



			Persistent, Bioaccumulative,			
			Toxic or very Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
CAS Number	Chemical Name	Treattir enuponit(s)	Dioaccumulative	Jource(3)	Ose example(s) of class	years
1596-84-5	Daminozide	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide, growth regulator	
39515-41-8	Danitol	Nervous system		IRIS; WA Appen1	Pesticide	
	Dantron (Chrysazin; 1,8-	,		Maine (CA Prop 65; NTP 11th	Antioxidant synthetic lubricant,	
117-10-2	Dihydroxyanthraquinone)	Cancer			fungicide	
-	, , , , , , , , , , , , , , , , , , , ,			Maine (EPA Priority Chemicals);	- B	
N/A	DDT, DDD, DDE		x	Oregon P3 List		
,,,,				Maine (CA Prop 65; IRIS); WA		
62-73-7	DDVP (Dichlorvos)	Cancer, Nervous system		• • • • • • • • • • • • • • • • • • • •	Pesticide	
02 70 7	(2.6.1.6.1.6.6)			Maine (WA PBT List; OSPAR		
				Chemicals of Concern); WA		
	Decabromodiphenyl ether [Polybrominated			Appen1; WA CHCC; Oregon P3	High impact polystyrene, flame	
1163-19-5	diphenyl ethers]		x	List	retardant	x
434-90-2	Decafluorobiphenyl		X	Oregon P3 List	Analytical internal standard	^
434-30-2	Decandorobiphenyi		^	Oregon i 3 List	Analytical internal standard	
					Antioxidant/corrosion inhibitor/tarnish	
	Decanodicio scid his/1 2 2 6 6 nontamothyl					
44556 26 7	Decanedioic acid, bis(1,2,2,6,6-pentamethyl-]		1	inhibitor/scavenger/antiscaling agent,	
41556-26-7	4-piperidinyl) ester	D	X	Appen1	paints, plastics	
13560-89-9	Dechlorane plus	Respiratory system		HSDB; WA Appen1	Fire retardant	Х
50040 60 5				Maine (EU Endocrine Disruptor);		
52918-63-5	Deltamethrin		Х	11	Pesticide	
8065-48-3	Demeton	Nervous system		• • •	Pesticide (EPA reg. cancelled)	
131-17-9	Diallyl phthalate	Kidney, Liver		OECD - SIDS/SIAR	Plasticizer, stabilizer, dye carrier	Х
333-41-5	Diazinon		X	11 . 0	Pesticide	
				Maine (CA Prop 65; NTP 11th	Organic chemical synthesis, dyes,	
136-35-6	Diazoaminobenzene	Cancer		ROC); WA Appen1	insecticide	
				Maine (CA Prop 65; NTP 11th		
				· ·	Biochemical research, tobacco smoke	
226-36-8	Dibenz(a,h)acridine	Cancer	X	WA PBT List); WA Appen1	and urban air	
				Maine (CA Prop 65; NTP 11th		
				ROC; EPA Final PBT Rule for TRI;	Biochemical research, tobacco smoke	
224-42-0	Dibenz(a,j)acridine	Cancer	Х	WA PBT List); WA Appen1	and urban air	
				Maine (OSPAR Chemicals of		
224-41-9	Dibenz[a,j]anthracene		Х	Concern); WA Appen1	Combustion	
				Maine (EPA Final PBT Rule for		
5385-75-1	Dibenzo(a,e)fluoranthene		х	TRI); WA Appen1	Combustion by-product	
				Maine (CA Prop 65; NTP 11th		
				ROC; EPA Final PBT Rule for TRI;		
					Experimental carcinogen, in fossil fuels,	
192-65-4	Dibenzo(a,e)pyrene	Cancer	x	Concern); WA Appen1	tobacco smoke, gasoline exhaust	



			Persistent, Bioaccumulative, Toxic or very Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
				,		
				Maine (CA Prop 65; IARC; IRIS;		
				NTP 11th ROC; EPA Final PBT Rule for TRI; WA PBT List; OSPAR		
				Chemicals of Concern); WA		
53-70-3	Dibenzo(a,h)anthracene	Cancer	x	Appen1; Oregon P3 List	Research	
33 70 3	Discrizo(a),ii)antinaeene	Currect	, , , , , , , , , , , , , , , , , , ,	Appenii, Gregorii 3 List	research	
				Maine (CA Prop 65; NTP 11th		
				ROC; EPA Final PBT Rule for TRI;		
				OSPAR Chemicals of Concern;	Experimental carcinogen, in exhaust,	
189-64-0	Dibenzo(a,h)pyrene	Cancer	x	WA PBT LIST); WA Appen1	tobacco smoke, urban air	
				Maine (CA Prop 65; IARC; NTP		
				11th ROC; EPA Final PBT Rule for		
				TRI; OSPAR Chemicals of	Experimental carcinogen, combustion	
191-30-0	Dibenzo(a,i)pyrene	Cancer	х	Concern); WA Appen1	by-product	
				Maine (OSPAR Chemicals of	Experimental carcinogen, in exhaust,	
191-26-4	dibenzo[def,mno]chrysene		х	Concern); WA Appen1	cigarette smoke	
	dibenzo[def,mno]chrysene-6,12-dione, 4,10			Maine (OSPAR Chemicals of		
4378-61-4	dibromo- (Pigment Red 168)		X	Concern); WA Appen1	Pigment	
				Maine (NWM Priority		
132-64-9	Dibenzofuran		X	Chemicals); WA Appen1	Heat transfer oil, dye, printing textiles	
422.65.0	Bib and the state of			Maine (OSPAR Chemicals of	From petroleum, in cosmetic and	
132-65-0	Dibenzothiophene Dibromoacetic acid	C	X	Concern); WA Appen1	pharmaceuticals, intermediate	
631-64-1		Cancer		Maine (CA Prop 65)	By product of water disinfection	
124-48-1 74-95-3	Dibromochloromethane Dibromomethane	Liver Kidney, Liver		WA Appen1; Minnesota HRL HSDB	Chemical intermediate, reagent Solvent, gauge fluid	V
74-95-3	Dibromomethane	Body Weight, Blood, Eyes,		HSDB	Solvent, gauge nuid	X
		Immune System, Kidney,			Organotin intermediate for chemical	
683-18-1	Dibutyltin dichloride (DBTC)	Skin		OECD - SIDS/SIAR	and coating production	x
1918-00-9	Dicamba	Development		WA Appen1; Minnesota HRL	Pesticide	A
1310 00 3	J. Contribution	Development		Maine (CA Prop 65; IRIS); WA	Chemical intermediate for	
79-43-6	Dichloroacetic acid	Cancer		Appen1	pharmaceuticals, reagent	
					, 3	
97-23-4	Dichlorophene	Development		Maine (CA Prop 65); WA Appen1	Antimicrobial, pharmaceutical	
51338-27-3	Diclofop methyl	Cancer, Development		Maine (CA Prop 65); WA Appen1	Pesticide	
				Maine (EPA Final PBT Rule for		
				TRI; OSPAR Chemicals of		
				Concern; OSPAR Chemicals for		
445.00.0	S. 6.1			Priority Action); WA Appen1;		
115-32-2	Dicofol	Endocrine system	Х	Oregon P3 List	Pesticide	
141-66-2	Dicrotophos	Development		IRIS; WA Appen1	Pesticide	
66.76.3	Dicumaral	Davalanmant		Maine (CA Prop CE) MAA Angert	Docticido pharmacoutical	
66-76-2	Dicumarol	Development		Maine (CA Prop 65); WA Appen1	resticiue, pharmaceutical	



			Persistent, Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
				Maine (EU Endocrine Disruptor);		
84-61-7	Dicyclohexyl phthalate (DCHP)	Endocrine system		WA Appen1	Plasticizer	
77 72 6	Discordance and address of	Adrenal glands, Eyes,		OECD - SIDS/SIAR; Minnesota	Intermediate in production of resins,	
77-73-6	Dicyclopentadiene	Kidney, Liver, Skin		HRV	pesticides, plastics	X
3972-13-2	DIDT		v	Maine (OSPAR Chemicals of		
3972-13-2	DIDI		X	Concern); WA Appen1		
				Maine (CA Prop 65; IRIS; EPA		
		Cancer, Development,		Priority PBT; WA PBT List; OSPAR		
		Endocrine system, Immune		Chemicals of Concern); WA		
		system, Liver, Nervous		Appen1; Oregon P3 List;		
60-57-1	Dieldrin	system	x	Minnesota HRL	Pesticide (not EPA registered)	
00 37 1	J. C.	System	X	Maine (CA Prop 65; NTP 11th	Research, curing polymers, chemical	
1464-53-5	Diepoxybutane	Cancer		ROC); WA Appen1	intermediate	
1101 33 3	Бієрохувасине	Guille		Maine (CA Prop 65; IARC; IRIS);		
N/A	Diesel engine exhaust	Cancer		WA Appen2		
	Singuist Sandast	Guilleen.		Maine (NTP 11th ROC); WA		
N/A	Diesel exhaust particulates	Cancer, Respiratory system		Appen2; Minnesota HRV		
				Maine (WA PBT List; Canada		
	Diethanolamine salt [Perfluorooctane	Development, Liver,		PBiT); WA Appen1; Minnesota		
70225-14-8	sulfonates (PFOS)]	Thyroid	x	HRL	PFC	
				Maine (EU Endocrine Disruptor);		
				WA Appen1; WA CHCC;		
84-66-2	Diethyl phthalate (DEP)	Endocrine system		Minnesota HRL	Plasticizer	х
		,		Maine (CA Prop 65; IARC; NTP	Ethylating agent, chemical intermediate	
64-67-5	Diethyl sulfate	Cancer		11th ROC); WA Appen1	in dye mfg	х
		Eyes, Respiratory system,			Rubber chemicals, textile specialties,	
109-89-7	Diethylamine	Skin		HSDB; NTP	selective solvent, dyes, resins	х
				Maine (CA Prop 65; IARC; NTP		
				11th ROC; OSPAR Chemicals of		
		Cancer, Development,		Concern); WA Appen1; Oregon		
56-53-1	Diethylstilbestrol	Endocrine system		P3 List	Research, pharmaceutical	
35367-38-5	Diflubenzuron	Blood		IRIS; WA Appen1	Pesticide	
2238-07-5	Diglycidyl ether	Reproduction		CA Prop 65	Diluent for epoxy resins	
				Maine (CA Prop 65; NTP 11th	Epoxy resins, curing agent for	
101-90-6	Diglycidyl resorcinol ether (DGRE)	Cancer		ROC); WA Appen1	polysulfide rubber	
					Plasticizer for polyvinyl chloride film,	
26761-40-0	Di-isodecyl phthalate (DIDP)	Development		Maine (CA Prop 65); WA Appen1	sheet coated fabrics	Х
					L	
68515-49-1	Di-isodecyl phthalate (DIDP)	Development		Maine (CA Prop 65); WA Appen1	Phthalate	Х
2072 40 5	D.,					
2973-10-6	Diisopropyl sulfate	Cancer		Maine (CA Prop 65); WA Appen1		
60-51-5	Dimethoate	Nervous system		IRIS; WA Appen1	Pesticide	



CAS Number	Chemical Name	Health endpoint(s)	Persistent, Bioaccumulative, Toxic or very Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
				WA Appen1; WA CHCC;	Solvent, plasticizer, pharmaceutical,	
131-11-3	Dimethyl phthalate	Kidney		Minnesota HRL	pesticide (EPA reg. cancelled)	Х
77-78-1	Dimethyl sulfate	Cancer		Maine (CA Prop 65; IARC; IRIS;	Ethylating agent, sulfating agent (agrichemicals, dyes, fabric softeners)	,
//-/6-1	Dimethyl sulfate	Eyes, Respiratory system,		NTP 11th ROC); WA Appen1	Accelerator in vulcanizing rubber,	X
124-40-3	Dimethylamine	Skin		HSDB; WA Appen1;	detergents, pesticides	х
121 10 0	J. T. Carry and T.	Skill		Maine (CA Prop 65; IARC; NTP	Former chemical intermediate for dyes,	^
79-44-7	Dimethylcarbamoyl chloride	Cancer		11th ROC); WA Appen1	pharmaceuticals, pesticides	
	Dimethyltin bis[2-ethylhexyl thioglycolate]				Production of films, sheets, injection	
57583-35-4	[DMT(EHTG)]	Skin		OECD - SIDS/SIAR	moldings	Х
				Maine (CA Prop 65; NTP 11th		
513-37-1	Dimethylvinylchloride	Cancer		ROC); WA Appen1	Organic synthesis	
131-89-5	Dinex	Eyes		IRIS; WA Appen1	Pesticide (not EPA registered)	
				Maine (CA Prop 65); WA		
84-75-3	Di-n-hexyl phthalate (DnHP)	Cancer		Appen1; WA CHCC	Plastisol mfg	
1314-06-3	Dinickel trioxide	Cancer		Maine (EU Carcinogen)	Storage batteries	
					Production of diisocyante, explosives	
25321-14-6	Dinitrotoluene (isomers mixture) DNT	Adrenal glands, Liver		OECD - SIDS/SIAR; WA Appen1	mfg, plasticizer	Х
39300-45-3	Dinocap	Development		Maine (CA Prop 65); WA Appen1	Pesticide (EPA reg. cancelled)	
		Development,		Maine (CA Prop 65); WA		
88-85-7	Dinoseb	Reproduction	Х	Appen1; Oregon P3 List	Pesticide (EPA reg. cancelled)	Х
	Di-n-pentylphthalate (DPP) =			Maine (EU Endocrine Disruptor);		
131-18-0	Dipentylphthalate	Endocrine system		WA Appen1	Plasticizer	
	Di-n-propyl isocinchomeronate (MGK					
136-45-8	Repellent 326)	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
				Maine (OSPAR Chemicals of		
				Concern; OSPAR Chemicals for	Plant derived, used for synthesis of	
512-04-9	Diosgenin		v	Priority Action); WA Appen1	hormones	
957-51-7	Diphenamid	Liver	X	IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
85-00-7	Diquat dibromide	Development, Eyes		IRIS; WA Appen1	Pesticide (EFA reg. cancelled)	
03 00 7	Diquat aibioiniae	Development, Lyes		inio, withpenii	T CSUCIOC	
2602-46-2	Direct Blue 6 (technical grade)	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
16071-86-6	Direct Brown 95 (technical grade)	Cancer		Maine (CA Prop 65); WA Appen1	Pigment brown 95	
120.02.2	Disadium arang dishining day burtu	Davidones - int		Maina (CA Duran CE) MA A	A ationiona biol s = - = t	
138-93-2	Disodium cyanodithioimidocarbonate	Development		Maine (CA Prop 65); WA Appen1	Antimicropial agent	
2475 45 0	Dienorco Pluo 1	Cancor		Maine (CA Prop 65; NTP 11th	Duo	
2475-45-8	Disperse Blue 1	Cancer		ROC); WA Appen1 Maine (OSPAR Chemicals of High	Dye	
	distannoxane, hexakis(2-methyl-2-			Concern); WA Appen1; Oregon		
13356-08-6	phenylpropyl)-	Cancer	v	P3 List	Pesticide	
13330-00-0	Thueuahuohau.	Cancer	Х	L 2 FISE	resuciue	



			Persistent,			
			Bioaccumulative, Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
		1 (7		Maine (EU PBT List; OSPAR	,	, ,
				Chemicals of Concern); WA		
90640-86-1	Distillates (coal tar), heavy oils		x	Appen1		
				Maine (EU PBT List; OSPAR		
	Distillates (coal tar), heavy oils, pyrene			Chemicals of Concern); WA		
91995-42-5	fraction		Х	Appen1		
				Maine (EU PBT List; OSPAR		
				Chemicals of Concern); WA		
91995-52-7	Distillates (coal tar), pitch, pyrene fraction		X	Appen1		
	Distillates (petroleum), acid-treated heavy					
	naphthenic, Unrefined or mildly refined					
64742-18-3	baseoil	Cancer		Maine (EU Carcinogen)		
	Distillates (petroleum), acid-treated heavy					
C4742 20 7	paraffinic, Unrefined or mildly refined	Canaca		Maine (FII Considerate)		
64742-20-7	baseoil Distillates (petroleum), acid-treated light	Cancer		Maine (EU Carcinogen)		
	naphthenic, Unrefined or mildly refined					
64742-19-4	baseoil	Cancer		Maine (EU Carcinogen)		
04742-13-4	Distillates (petroleum), acid-treated light	Caricer		Maine (Lo Carcinogen)		
	paraffinic, Unrefined or mildly refined					
64742-21-8	baseoil	Cancer		Maine (EU Carcinogen)		
	distillates (petroleum), alkene-alkyne					
	manuf. pyrolysis oil, condensed arom. ring-			Maine (OSPAR Chemicals of		
101316-50-1	contg.		х	Concern); WA Appen1		
	Distillates (petroleum), C3-6, piperylene-					
	rich; Petroleum gas; [A complex					
	combination of hydrocarbons from the					
	distillation of saturated and unsaturated					
	aliphatic hydrocarbons usually ranging in					
	the carbon numbers C3 through C6. It					
	consists of saturated and unsaturated					
	hydrocarbons having carbon numbers in					
C0477 25 0	the range of C3 through C6, predominantly	Canaca		Maine (FII Considerate)		
68477-35-0	piperylenes.] Distillates (petroleum), chemically	Cancer		Maine (EU Carcinogen)		X
	neutralized heavy naphthenic, Unrefined or					
64742-34-3	mildly refined baseoil	Cancer		Maine (EU Carcinogen)		
317 12 34 3	Distillates (petroleum), chemically			manie (20 carolilogen)		
	neutralized heavy paraffinic, Unrefined or					
64742-27-4	mildly refined baseoil	Cancer		Maine (EU Carcinogen)		
	Distillates (petroleum), chemically					
	neutralized light naphthenic, Unrefined or					
64742-35-4	mildly refined baseoil	Cancer		Maine (EU Carcinogen)		



			Persistent, Bioaccumulative,			
			Toxic or very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Distillates (petroleum), chemically	ricaitii chaponit(3)	Dioaccumulative	Jource(3)	OSC CAUTIFIC(3) OF Class	yearsy
	neutralized light paraffinic, Unrefined or					
	mildly refined baseoil	Cancer		Maine (EU Carcinogen)		
	,			Maine (Canada PBiT); WA		
68410-00-4	Distillates (petroleum), crude oil		х	Appen1		x
				Maine (Canada PBiT); WA		
128683-26-1	Distillates (petroleum), full-range atm.		X	Appen1		
	Distillates (petroleum), heavy catalytic			Maine (Canada PBiT); WA		
64741-61-3	cracked		Х	Appen1		Х
	Distillates (petroleum), heavy naphthenic,					
64741-53-3	Unrefined or mildly refined baseoil	Cancer		Maine (EU Carcinogen)		Х
	Distillates (petroleum), heavy paraffinic,					
64741-51-1	· · · · · · · · · · · · · · · · · · ·	Cancer		Maine (EU Carcinogen)		Х
	Distillates (petroleum), heavy thermal			Maine (Canada PBiT); WA		
	cracked		X	Appen1		X
	Distillates (petroleum), intermediate			Maine (Canada PBiT); WA		
70592-76-6	vacuum		X	Appen1		Х
	Distillates (petroleum), light naphthenic,					
	Unrefined or mildly refined baseoil	Cancer		Maine (EU Carcinogen)		X
	Distillates (petroleum), light paraffinic,	C		Maine (FIL Considerate)		
64741-50-0	Unrefined or mildly refined baseoil	Cancer		Maine (EU Carcinogen)		X
70502 77 7	Distillator (notroloum) light vacuum			Maine (Canada PBiT); WA		v.
	Distillates (petroleum), light vacuum Distillates (petroleum), petroleum residues		X	Appen1 Maine (Canada PBiT); WA		X
	1		V	, , , , , , , , , , , , , , , , , , , ,		v
06933-27-1	vacuum		X	Appen1 Maine (Canada PBiT); WA		X
70592-78-8	Distillates (petroleum), vacuum		x	Appen1		x
298-04-4	Disulfoton	Nervous system	^	WA Appen1; Minnesota HRL	Insecticide	^
230 04 4	Distriction	iver vous system		W///tppen1, willinesota fine	miscetterac	
148-18-5	Ditiocarb sodium	Body Weight, Eyes		IRIS; WA Appen1	Corrosion inhibitor, rubber accelerator	
5 15 5						
330-54-1	Diuron	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
	Dodine	Thyroid		IRIS; WA Appen1	Pesticide	
	Dyes metabolized to 3,3'-			Maine (CA Prop 65; NTP 11th		
	dimethoxybenzidine	Cancer		ROC); WA Appen2		
				Maine (CA Prop 65; NTP 11th		
N/A	Dyes metabolized to 3,3'-dimethylbenzidine	Cancer		ROC); WA Appen2		
				Maine (IARC; NTP 11th ROC); WA		
N/A	Dyes metabolized to benzidine	Cancer		Appen2		
	Dyphonate	Liver, Nervous system		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	



			Persistent,			
			Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
<u> </u>	Chemical Hame	meanin enapelini(s)	Diodocamana	Maine (EU PBT List; OSPAR	Coo example(o) of class	yearsy
				Chemicals of Concern; OSPAR		
				Chemicals for Priority Action);		
115-29-7	Endosulfan	Endocrine system	х	WA Appen1	Pesticide (EPA phase-out proposed)	
1031-07-8	Endosulfan sulfate		Х	Oregon P3 List	Precursor in chemical mfg	
				Maine (NWM Priority		
959-98-8	Endosulfan, alpha		х	Chemicals); WA Appen1	Pesticide (not EPA registered)	
				Maine (NWM Priority	, ,	
33213-65-9	Endosulfan, beta		x	Chemicals); WA Appen1	Pesticide (not EPA registered)	
145-73-3	Endothal	Gastrointestinal system		IRIS; WA Appen1	Pesticide	
		·				
				Maine (CA Prop 65; WA PBT List;		
				OSPAR Chemicals of Concern);		
72-20-8	Endrin	Development	x	WA Appen1; Oregon P3 List	Pesticide (EPA reg. cancelled)	
				Maine (NTP 11th ROC); WA		
N/A	Environmental tobacco smoke	Cancer, Development		Appen2		
				Maine (CA Prop 65; EU		
				Endocrine Disruptor; IARC; IRIS;		
		Cancer, Endocrine system,		NTP 11th ROC); WA Appen1;		
106-89-8	Epichlorohydrin	Reproduction		Minnesota HRV	Epoxy resins, fumigant	X
				Maine (CA Prop 65; EU	Water softeners, detergents, cracking	
12510-42-8	Erionite	Cancer		Carcinogen); WA Appen1	catalysts	
				Maine (CA Prop 65; IARC; NTP		
66733-21-9	Erionite (cakna (Al2Si7O18)2.14H2O))	Cancer		11th ROC); WA Appen1		
66230-04-4	Esfenvalerate		Х	Oregon P3 List	Pesticide, pyrethroid	
				Maine (CA Prop 65); WA		
140-67-0	Estragole	Cancer		Appen1; WA CHCC	Flavoring, fragrance	X
	Ethanamine, N-ethyl-N-hydroxy-, reaction					
	products with hexamethylcyclotrisiloxane,					
60500 50 4	silica and 1,1,1-trimethyl-N-			Maine (Canada PBiT); WA		
68583-58-4	(trimethylsilyl)silanamine	Advantage of Discol	Х	Appen1	Formulation component	
	Ethana 12 dinasthani (alaa kaani as 12	Adrenal gland, Blood,			Industrial solvent in lithium hetteries	
110 71 4	Ethane, 1,2-dimethoxy- (also known as 1,2-	Development,		EDA DDD	Industrial solvent, in lithium batteries,	
110-71-4	Dimethoxyethane, or Monoglyme)	Reproduction, Thymus		EPA - RBP	coatings	X
64-17-5	Ethanol	Cancer, Development		Maine (CA Prop 65; IARC); WA	Solvent fuel	
04-17-3	Luialiui	Cancer, Development		Appen1 Maine (OSPAR Chemicals of	Solvent, fuel	X
8072-20-6	ethanol, 1,1-bis(4-chlorophenyl)-, mixed		v	Concern); WA Appen1		
5072-20-0	Ethanol, 2,2'-[[3-chloro-4-[(2,6-dichloro-4-		X	Maine (Canada PBiT); WA		
23355-64-8	nitrophenyl)azo]phenyl]imino]bis-		x	Appen1	Dve	
23333-04-0	Ethanol, 2,2'-[[4-[(2,6-dibromo-4-		^	[лурспі	Dye	
	nitrophenyl)azo]phenyl]imino]bis-,			Maine (Canada PBiT); WA		
55619-18-6	diacetate (ester)		x		Dye	
55015 10 0	and octate (coter)		Λ	PAPELLE	5,0	



			Persistent, Bioaccumulative,			
			Toxic or very			UDV /2005
CAC Name have	Chaminal Nama	11 - 14h du - ' 4/- \	Persistent, very	Comments)	Han arrangle (a) an alam	HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Ethanol, 2,2'-[[4-[(2-bromo-6-chloro- 4-			Maine (Canada PBiT); WA		
17464-91-4	nitrophenyl)azo]-3-chlorophenyl]imino]bis-		X		Dye	
	Ethanol, 2-[[4-[(2,6-dichloro-4-nitrophenyl)			Maine (Canada PBiT); WA		
6232-56-0	azo]phenyl]methylamino]-		x	Appen1		
16672-87-0	Ethephon	Nervous system			Plant growth regulator	
563-12-2	Ethion	Nervous system		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
13194-48-4	Ethoprop	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
				Maine (EU Endocrine Disruptor);		
120-47-8	Ethyl 4-hydroxybenzoate	Endocrine system		WA Appen1; WA CHCC	Preservative	
					Component in latex paints, in plastics	
140-88-5	Ethyl acrylate	Cancer		Maine (CA Prop 65); WA Appen1	and coatings	X
		Cancer, Cardiovascular		Maine (CA Prop 65); Minnesota		
759-94-4	Ethyl dipropylthiocarbamate	system, Nervous system			Pesticide	
62.50.0	Estad as a state of a state	C		Maine (CA Prop 65; NTP 11th	Danage and and the second and	
62-50-0	Ethyl methanesulfonate	Cancer		ROC); WA Appen1	Research, catalyst in chemical mfg	
				Maine (OSPAR Chemicals of		
	Ethyl O-(p-nitrophenyl) phenyl			Concern; OSPAR Chemicals for		
2104-64-5	phosphonothionate		x		Pesticide (EPA reg. cancelled)	
637-92-3	Ethyl tert-butyl ether	Reproduction		CA Prop 65	Gasoline additive	
00.02						
				Maine (CA Prop 65); WA		
		Cancer, Development,		Appen1; WA CHCC; Minnesota	Production of synthetic rubber,	
100-41-4	Ethylbenzene	Kidney, Liver		HRV; Minnesota HBV	precursor to styrene	x
				Maine (CA Prop 65; IARC; IRIS;		
				NTP 11th ROC; EU Endocrine		
		Cancer, Development,		Disruptor); WA Appen1;	Exhaust system scavenging for lead,	
106-93-4	Ethylene dibromide	Reproduction			fumigant, solvent	Х
				Maine (CA Prop 65; IRIS; NTP		
					Solvent, degreaser compounds, in	
107-06-2	Ethylene dichloride (1,2-Dichloroethane)	Cancer		Minnesota HRL	cosmetics	X
		Davidanana		Maine (CA Prop 65); WA	Solvent for nitrocellulose, lacquers and	
110 00 5	Ethylono glycol man activity the ex-	Development,		Appen1; WA CHCC; Minnesota	dopes, in varnish removers, cleansing	
110-80-5	Ethylene glycol monoethyl ether	Reproduction		HRV	solution, printing inks	X
					In automobile lacquers, chemical	
		Develonment			•	
111-15-9	Ethylene glycol monoethyl ether acetato					v
111-15-9	Ethylene glycol monoethyl ether acetate	Development, Reproduction		Maine (CA Prop 65); WA	intermediate for synthesis of 2- ethoxyethyl cyanoacrylate, solvent in paints, inks	X



			Persistent, Bioaccumulative, Toxic or very			
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
		Trouble Chapeniquy			-	yearey
		District Course		Maine (CA Prop 65); WA	Solvent for low viscosity cellulose	
109-86-4	Ethylene glycol monomethyl ether	Blood, Cancer, Reproduction		Appen1; WA CHCC; Minnesota HRV	acetate, natural resins, dyeing leather, perfume fixative, photographic film	v
109-80-4	Ethylene glycol monomethyr ether	Reproduction		Inkv	Solvent for nitrocellulose, various gums,	X
		Development,			resins, silkscreening inks, industrial	
110-49-6	Ethylene glycol monomethyl ether acetate	Reproduction		Maine (CA Prop 65); WA Appen1		
		Cancer, Development,		Maine (CA Prop 65; IARC; NTP		
75-21-8	Ethylene oxide	Reproduction		11th ROC); WA Appen1	Chemical intermediate, fumigant	х
				Maine (CA Prop 65; NTP 11th		
06.45.7	ed to a decide	Cancer, Development,		ROC; EU Endocrine Disruptor);	A contract of the latest and affect	
96-45-7	Ethylene thiourea	Endocrine system		WA Appen1	Accelerator for rubber production Production of chelating agents,	
		Eyes, Kidney, Respiratory			polyamide resins, gasoline and oil	
107-15-3	 Ethylenediamine	system, Skin		OECD - SIDS/SIAR; WA Appen1	additives	x
	,			, , , , , , , , , , , , , , , , , , , ,	Manufacture of melamine, paper and	
					textile chemicals, adhesive binders,	
151-56-4	Ethyleneimine	Cancer		Maine (CA Prop 65); WA Appen1	insect chemosterilizaton	
				Maine (Canada PBiT); WA		
68551-44-0	Fatty acids, C6-19-branched, zinc salts		Х	Appen1		
	Fatty acids, tall-oil, 2-mercaptoethyl esters				Reactant for organotin PVC stabilizers,	
68440-24-4	(2-MET)	Development		OECD - SIDS/SIAR	approved for indirect food contact	x
	Fatty acids, tallow, hydrogenated, [6-					
	[bis(methoxymethyl)amino] -1,3,5-triazine-					
	2,4-diyl]bis[[(methoxymethyl)imino			Maine (Canada PBiT); WA		
103331-97-1]methylene] ester		Х	Appen1		
	Eatty acids, tallow, hydrogonatod					
	Fatty acids, tallow, hydrogenated, hexaesters with 2-[[[4-[[[2-hydroxy-1-					
	(hydroxymethyl)					
	ethoxy]methyl](hydroxymethyl)amino]-6 -					
	[(hydroxymethyl)(methoxymethyl)amino]-					
	1,3,5-triazi n-2-					
	yl](methoxymethyl)amino]methoxy]-1,3-			Maine (Canada PBiT); WA		
103331-98-2	propanediol	Name	Х	Appen1	Destiside	
22224-92-6	Fenamiphos	Nervous system		IRIS; WA Appen1	Pesticide	
60168-88-9	 Fenarimol	Endocrine system		Maine (EU Endocrine Disruptor); WA Appen1	Pesticide	
30100 00 3	T CHAINTOI	Litabornic System		Maine (EU Endocrine Disruptor);	restitute	
122-14-5	Fenitrothion	Endocrine system		WA Appen1	Pesticide	
66441-23-4	Fenoxaprop ethyl	Development		Maine (CA Prop 65); WA Appen1	Pesticide (EPA reg. cancelled)	



			Persistent, Bioaccumulative, Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
72490-01-8	Fenoxycarb	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
				Maine (EU Endocrine Disruptor);		
900-95-8	Fentin acetate = triphenyltin acetate	Endocrine system			Pesticide (not EPA registered)	
120068-37-3	Fipronil		Х	Oregon P3 List	Pesticide	
69806-50-4	Fluazifop butyl	Development		Maine (CA Prop 65); WA Appen1	Pesticide (EPA reg. cancelled)	
				Maine (OSPAR Chemicals of		
				Concern; OSPAR Chemicals for		
70124-77-5	flucythrinate		x	· I	Pesticide (EPA reg. cancelled)	
				Maine (NWM Priority		
				Chemicals); WA Appen1;		
86-73-7	Fluorene	Blood	x	Minnesota HRL	Chemical intermediate	
		2.000	<i>'</i>			
		Body weight, Eyes, Organ				
59756-60-4	Fluridone	weight, Reproduction		IRIS; WA Appen1	Pesticide	
56425-91-3	Flurprimidol	Liver, Reproduction		IRIS; WA Appen1	Pesticide	
85509-19-9	Flusilazole (NuStar)	Liver		IRIS; WA Appen1	Pesticide (not EPA registered)	
66332-96-5	Flutolanil	Development		IRIS; WA Appen1	Pesticide	
69409-94-5	Fluvalinate	Development		Maine (CA Prop 65); WA Appen1	Pesticide	
				Maine (CA Prop 65; IRIS); WA		
133-07-3	Folpet	Cancer		Appen1	Pesticide	
				Maine (CA Prop 65; IARC; IRIS;		
				NTP 11th ROC); WA Appen1;		
		Cancer, Respiratory system,		WA CHCC; Minnesota HRV;	Wood and textiles finishes, disinfection,	
50-00-0	Formaldehyde	Eye irritant		Minnesota RAA	tissue preservative	X
50-00-0	Formaldehyde (in water)	Gastrointestinal system		Minnesota HRL	Contaminant	
	Formaldehyde, reaction products with					
	branched nonylphenol and xylenol,			Maine (Canada PBiT); WA		
104376-69-4	ethoxylated		х	Appen1		
	Formaldehyde, reaction products with					
	sulfonated 1,1'-biphenyl and sulfonated			Maine (Canada PBiT); WA		
113163-36-3	terphenyl, sodium salts		х	Appen1		
					Pesticide, acidulating agent in dyeing,	
64-18-6	Formic acid	Eyes		HSDB; WA Appen1	solvent	X



			Persistent, Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Fuel gases, crude oil of distillates;					
	Petroleum gas; [A complex combination of					
	light gases produced by distillation of crude					
	oil and by catalytic reforming of naphtha. It					
	consists of hydrogen and hydrocarbons					
	having carbon numbers predominantly in					
	the range of C1 through C4 and boiling in					
	the range of approximately -217°C to -12°C					
68476-29-9	(-423°F to 10°F).]	Cancer		Maine (EU Carcinogen)		х
	Fuel gases, Petroleum gas, [A combination					
	of light gases. It consists predominantly of					
	hydrogen and/or low molecular weight					
68476-26-6	hydrocarbons.]	Cancer		Maine (EU Carcinogen)		х
				Maine (Canada PBiT); WA		
68476-31-3	Fuel oil, no. 4		X	Appen1		X
				Maine (Canada PBiT); WA		
68553-00-4	Fuel oil, no. 6		Х	Appen1	Fuel oil	Х
446255 02 0	5			100 Day (50) 140 A	ele to	
116355-83-0	Fumonisin B1	Cancer		Maine (CA Prop 65); WA Appen1	Fungal toxin	
					Chemical intermediate for	
				Maine (CA Prop 65; NTP 11th	tetrahydrofuran, used in production of	
110-00-9	 Furan	Cancer		ROC); WA Appen1	pharmaceuticals, agriculture chemicals	V
110-00-9	ruidii	Cancer		NOC), WA Appeni	Source of furfuryl alcohol,	X
					tetrahydrofurfuryl alcohol, Furan,	
					rubber cements, synthetic flavoring	
98-01-1	 Furfural	Eyes, Respiratory system		HSDB; IRIS; WA Appen1	ingredient.	х
30 01 1	T direction	Lycs, nespiratory system		liebe, iiie, www.ppenii	Solvent for cellulose ethers and esters,	, , , , , , , , , , , , , , , , , , ,
98-00-0	Furfuryl alcohol	Eyes, Respiratory system		HSDB	tanning hides	х
	·			Maine (CA Prop 65; IRIS); WA		
60568-05-0	Furmecyclox	Cancer		Appen1	Pesticide (not EPA registered)	
	furo[3,4-b]pyridin-7(5H)-one, 5-[4-					
	(diethylamino)-2-ethoxyphenyl]-5-(1-ethyl-			Maine (OSPAR Chemicals of		
69898-41-5	2-methyl-1H-indol-3-yl)-		х	Concern); WA Appen1		
79748-81-5	Fusarin C	Cancer		Maine (CA Prop 65); WA Appen1	Mycotoxin	
				Maine (CA Prop 65; IARC); WA		
1303-00-0	Gallium arsenide	Cancer		Appen1	Semiconductor	
06.40.0	B. I. I. I.			LICED	Chemical mfg, synthesis of pesticides,	
96-48-0	gamma-Butyrolactone	Nervous system		HSDB	abused drug	X
120602 20 7	Cas oils (oil sand)			Maine (Canada PBiT); WA		
128683-30-7	Gas oils (oil sand)		X	Appen1 Maine (Canada PBiT); WA		
128683-29-4	Gas oils (oil sand), hydrotreated		v	•		
120003-29-4	Gas ons (on sand), hydrotreated		X	Appen1		



			Persistent,	1	1	
			Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
CAS Humber	Chemical Name	ricatti chapolit(3)	Dioaccamalative	Maine (Canada PBiT); WA	OSC CXAMPIC(S) OF Class	years
128683-28-3	Gas oils (petroleum), full-range		x	Appen1		
120003 20 3	dus ons (petroleum), rum rumge		X	Maine (Canada PBiT); WA		
68783-08-4	Gas oils (petroleum), heavy atmospheric		x	Appen1	Petroleum, pre -refinery stream	x
	Gas oils (petroleum), hydrodesulfurized			Maine (Canada PBiT); WA		
64742-87-6	light vacuum		x	Appen1		x
				Maine (Canada PBiT); WA		
64742-59-2	Gas oils (petroleum), hydrotreated vacuum		x	Appen1		х
				Maine (Canada PBiT); WA		
64741-58-8	Gas oils (petroleum), light vacuum		x	Appen1		х
	Gases (petroleum), alkylation feed;					
	Petroleum gas; [A complex combination of					
	hydrocarbons produced by the catalytic					
	cracking of gas oil. It consists of					
	hydrocarbons having carbon numbers					
	predominantly in the range of C3 through					
68606-27-9	C4.]	Cancer		Maine (EU Carcinogen)		х
	-			,		
	Gases (petroleum), amine system feed;					
	Refinery gas; [The feed gas to the amine					
	system for removal of hydrogen sulfide. It					
	consists of hydrogen. Carbon monoxide,					
	carbon dioxide, hydrogen sulfide and					
	aliphatic hydrocarbons having carbon					
	numbers predominantly in the range of C1					
68477-65-6	through C5 may also be present.]	Cancer		Maine (EU Carcinogen)		x
	Gases (petroleum), benzene unit			manie (20 darenießen)		
	hydrodesulfurizer off; Refinery gas; [Off					
	gases produced by the benzene unit. It					
	consists primarily of hydrogen. Carbon					
	monoxide and hydrocarbons having carbon					
	numbers predominantly in the range of C ₁					
	through C_6 , including benzene, may also be					
68477-66-7		Cancer		Maine (Ell Carcinogon)		
68477-66-7	present.]	Cancer		Maine (EU Carcinogen)		



HPV (2006 and 3 of 4 years) ¹
r class years) ¹
×



			1			
			Persistent,			
			Bioaccumulative,			
			Toxic or very			HPV (2006 and 3 of 4
CAC Normalism	Chamical Name	1114	Persistent, very	S (-)	Use susuals/s\ on slass	
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Gases (petroleum), C1-5, wet; Petroleum					
	gas; [A complex combination of					
	hydrocarbons produced by the distillation					
	of crude oil and/or the cracking of tower					
	gas oil. It consists of hydrocarbons having					
	carbon numbers predominantly in the					
68602-83-5	range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		x
00002 03 3	lange of CI through CS.]	Caricer		ivianie (Eo careniogen)		^
	Gases (petroleum), C2-3; Petroleum gas; [A					
	complex combination of hydrocarbons					
	produced by the distillation of products					
	from a catalytic fractionation process. It					
	contains predominantly ethane, ethylene,					
68477-70-3	propane, and propylene.]	Cancer		Maine (EU Carcinogen)		Х
				, ,		
	Gases (petroleum), C2-4, sweetened;					
	Petroleum gas; [A complex combination of					
	hydrocarbons obtained by subjecting a					
	petroleum distillate to a sweetening					
	process to convert mercaptans or to					
	remove acidic impurities. It consists					
	predominantly of saturated and					
	unsaturated hydrocarbons having carbon					
	numbers predominantly in the range of C2					
	through C4 and boiling in the range of					
	approximately -51°C to -34°C (-60°F to -					
68783-65-3	30°F).]	Cancer		Maine (EU Carcinogen)		Х
	Gases (petroleum), C2-return stream;					
	Refinery gas; [A complex combination of					
	hydrocarbons obtained by the extraction of					
	hydrogen from a gas stream which consists					
	primarily of hydrogen with small amounts					
	of nitrogen, carbon monoxide, methane,					
	ethane, and ethylene. It contains					
	predominantly hydrocarbons such as					
	methane, ethane, and ethylene with small					
69477 94 0	amounts of hydrogen, nitrogen and carbon	Cancor		Maino (Ell Carcinagon)		
68477-84-9	monoxide.]	Cancer		Maine (EU Carcinogen)		



			Persistent,			
			Bioaccumulative,			
			Toxic or very Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
CAS Number	Gases (petroleum), C3-4, isobutane-rich; Petroleum gas; [A complex combination of hydrocarbons from the distillation of saturated and unsaturated hydrocarbons usually ranging in carbon numbers from C3 through C6, predominantly butane and isobutane. It consists of saturated and unsaturated hydrocarbons having carbon numbers in the range of C3 through C4,	nearth enupoliti(s)	Bioaccumulative	Source(s)	Ose example(s) of class	yearsy
68477-33-8	predominantly isobutane.]	Cancer		Maine (EU Carcinogen)		Х
	Gases (petroleum), C3-4; Petroleum gas; [A complex combination of hydrocarbons produced by distillation of products from the cracking of crude oil. It consists of hydrocarbons having carbon numbers in the range of C3 through C4, predominantly of propane and propylene, and boiling in the range of approximately -51°C to -1°C (-60°F to 30°F.)]	Cancer		Maine (EU Carcinogen)		X
	Gases (petroleum), C3-5 olefinic-paraffinic alkylation feed; Petroleum gas; [A complex combination of olefinic and paraffinic hydrocarbons having carbon numbers in the range of C3 through C5 which are used as alkylation feed. Ambient temperatures normally exceed the critical temperature of these combinations.]	Cancer		Maine (EU Carcinogen)		х
68477-85-0	Gases (petroleum), C4-rich; Petroleum gas; [A complex combination of hydrocarbons produced by distillation of products from a catalytic fractionation process. It consists of aliphatic hydrocarbons having carbon numbers in the range of C3 through C5, predominantly C4.]	Cancer		Maine (EU Carcinogen)		X
30477-03-0	Gases (petroleum), C6-8 catalytic reformer	Curice		maine (Lo carcinogen)		,
68477-82-7	recycle, hydrogen-rich; Refinery gas	Cancer		Maine (EU Carcinogen)		



					-	
			Persistent,			
			Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Griefinia i varie				Coc champic(o) or class	y carey
	Gases (petroleum), C6-8 catalytic reformer					
	recycle; Refinery gas; [A complex					
	combination of hydrocarbons produced by					
	distillation of products from catalytic					
	reforming of C6-C8 feed and recycled to					
	conserve hydrogen. It consists primarily of					
	hydrogen. It may also contain various small					
	amounts of carbon monoxide, carbon					
	dioxide, nitrogen, and hydrocarbons having					
	carbon numbers predominantly in the					
68477-80-5	range of C1 through C6.]	Cancer		Maine (EU Carcinogen)		V
06477-60-3	lange of C1 through Co.j	Caricei		Ivialile (EO Carcillogell)		X
	Casas (natralaum) CC 9 catalytic reformer.					
	Gases (petroleum), C6-8 catalytic reformer;					
	Refinery gas; [A complex combination of					
	hydrocarbons produced by distillation of					
	products from catalytic reforming of C6-					
	C8feed. It consists of hydrocarbons having					
	carbon numbers in the range of C1 through					
68477-81-6	C5 and hydrogen.]	Cancer		Maine (EU Carcinogen)		
	Gases (petroleum), catalytic cracked					
	naphtha debutanizer; Petroleum gas; [A					
	complex combination of hydrocarbons					
	obtained from fractionation of catalytic					
	cracked naphtha. It consists of					
	hydrocarbons having carbon numbers					
	predominantly in the range of C1 through					
69052.76.1		Cancar		Maine (FIL Carsinegen)		
68952-76-1	[C4.]	Cancer		Maine (EU Carcinogen)		
	Gasos (notroloum) satalytic cracked					
	Gases (petroleum), catalytic cracked					
	naphtha depropanizer overhead, C3-rich					
	acid-free; Petroleum gas; [A complex					
	combination of hydrocarbons obtained					
	from fractionation of catalytic cracked					
	hydrocarbons and treated to remove acidic					
	impurities. It consists of hydrocarbons					
	having carbon numbers in the range of C2					
68477-73-6	through C4, predominantly C3.]	Cancer		Maine (EU Carcinogen)		



			Persistent, Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Gases (petroleum), catalytic cracked					
	overheads; Petroleum gas; [A complex					
	combination of hydrocarbons produced by					
	the distillation of products from the					
	catalytic cracking process. It consists of					
	hydrocarbons having carbon numbers					
	predominantly in the range of C3 through C5 and boiling in the range of					
	approximately -48°C to 32°C (-54°F to					
68409-99-4	90°F).]	Cancer		Maine (EU Carcinogen)		x
08405-55-4	Gases (petroleum), catalytic cracker, C1-5-	Cancer		Walle (Lo Carcinogen)		^
	rich; Petroleum gas; [A complex					
	combination of hydrocarbons produced by					
	the distillation of products from a catalytic					
	cracking process. It consists of aliphatic					
	hydrocarbons having carbon numbers in					
	the range of C1 through C6, predominantly					
68477-75-8	C1 through C5.]	Cancer		Maine (EU Carcinogen)		
	9 7					
	Gases (petroleum), catalytic cracker;					
	Petroleum gas; [A complex combination of					
	hydrocarbons produced by the distillation					
	of the products from a catalytic cracking					
	process. It consists predominantly of					
	aliphatic hydrocarbons having carbon					
	numbers predominantly in the range of C1					
68477-74-7	through C6.]	Cancer		Maine (EU Carcinogen)		Х
	Gases (petroleum), catalytic cracking;					
	Petroleum gas; [A complex combination of					
	hydrocarbons produced by the distillation					
	of the products from a catalytic cracking					
	process. It consists predominantly of					
	hydrocarbons having carbon numbers					
69792 64 2	predominantly in the range of C3 through	Canaar		Maine (Ell Careinagen)		
68783-64-2	C5.]	Cancer		Maine (EU Carcinogen)		X
	Gases (petroleum), catalytic polymd.					
	naphtha stabilizer overhead, C2-4-rich;					
	Petroleum gas; [A complex combination of					
	hydrocarbons obtained from the					
	fractionation stabilization of catalytic					
	polymerized naphtha. It consists of aliphatic					
	hydrocarbons having carbon numbers in					
	the range of C2 through C6, predominantly					
68477-76-9		Cancer		Maine (EU Carcinogen)		x



CAS Number	Chemical Name	Health endpoint(s)	Persistent, Bioaccumulative, Toxic or very Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
	Gases (petroleum), catalytic reformed naphtha stripper overheads; Refinery gas; [A complex combination of hydrocarbons obtained from stabilization of catalytic reformed naphtha. Its consists of hydrogen and saturated hydrocarbons having carbon	,				, sara,
68477-77-0	numbers predominantly in the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		x
	Gases (petroleum), catalytic reformed straight-run naphtha stabilizer overheads; Refinery gas; [A complex combination of hydrocarbons obtained from the catalytic reforming of straight-run naphtha followed by fractionation of the total effluent. It consists of hydrogen, methane, ethane and					
68513-14-4	propane.]	Cancer		Maine (EU Carcinogen)		Х
69477 70 2	Gases (petroleum), catalytic reformer, C1-4-rich; Petroleum gas; [A complex combination of hydrocarbons produced by distillation of products from a catalytic reforming process. It consists of hydrocarbons having carbon numbers in the range of C1 through C6.	Cancar		Maine (Ell Carrinagen)		V.
68477-79-2	C1 through C4.]	Cancer		Maine (EU Carcinogen)		X
68477-71-4	Gases (petroleum), catalytic-cracked gas oil depropanizer bottoms, C4-rich acid-free; Petroleum gas; [A complex combination of hydrocarbons obtained from fractionation of catalytic cracked gas oil hydrocarbon stream and treated to remove hydrogen sulfide and other acidic components. It consists of hydrocarbons having carbon numbers in the range of C3 through C5, predominantly C4.]	Cancer		Maine (EU Carcinogen)		X



			Dougistant			
			Persistent,			
			Bioaccumulative,			
			Toxic or very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
CAS Number	Chemical Name	nearth enupoint(s)	Bioaccumulative	Source(s)	Ose example(s) of class	years
	Gases (petroleum), catalytic-cracked					
	naphtha debutanizer bottoms, C3-5-rich;					
	Petroleum gas; [A complex combination of					
	hydrocarbons obtained from the					
	stabilization of catalytic cracked naphtha. It					
	consists of aliphatic hydrocarbons having					
	carbon numbers predominantly in the					
68477-72-5	range of C3 through C5.]	Cancer		Maine (EU Carcinogen)		
00477 72 3	runge or es through es.	Carreer		Walle (20 Carellogell)		
	Gases (petroleum), crude distn. and					
	catalytic cracking; Refinery gas; [A complex					
	combination produced by crude distillation					
	and catalytic cracking processes. It consists					
	of hydrogen, hydrogen sulfide, nitrogen,					
	carbon monoxide and paraffinic and					
	olefinic hydrocarbons having carbon					
	numbers predominantly in the range of C1					
68989-88-8	through C6.]	Cancer		Maine (EU Carcinogen)		x
				,		
	Gases (petroleum), crude oil fractionation					
	off; Petroleum gas; [A complex combination					
	of hydrocarbons produced by the					
	fractionation of crude oil. It consists of					
	saturated aliphatic hydrocarbons having					
	carbon numbers predominantly in the					
68918-99-0	range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		х
	Gases (petroleum), deethanizer overheads;					
	Petroleum gas; [A complex combination of					
	hydrocarbons produced from distillation of					
	the gas and gasoline fractions from the					
	catalytic cracking process. It contains					
68477-86-1	predominantly ethane and ethylene.]	Cancer		Maine (EU Carcinogen)		Х
	Gases (petroleum), dehexanizer off;					
	Petroleum gas; [A complex combination of					
	hydrocarbons obtained by the fractionation					
	of combined naphtha streams. It consists of					
	saturated aliphatic hydrocarbons having					
	carbon numbers predominantly in the					
68919-00-6	range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		



			Persistent,			
			Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Gases (petroleum), deisobutanizer tower					
	overheads; Petroleum gas; [A complex					
	combination of hydrocarbons produced by					
	the atmospheric distillation of a butane-					
	butylene stream. It consists of aliphatic					
	hydrocarbons having carbon numbers					
	predominantly in the range of C3 through					
68477-87-2	, , , , , , , , , , , , , , , , , , , ,	Cancer		Maine (EU Carcinogen)		x
00177 07 2	Gases (petroleum), depropanizer bottoms	Carreer		Manie (20 Caremogen)		Α
	fractionation off; Petroleum gas; [A					
	complex combination of hydrocarbons					
	obtained from the fractionation of					
	depropanizer bottoms. It consists					
	predominantly of butane, isobutane and					
68606-34-8	butadiene.]	Cancer		Maine (EU Carcinogen)		x
	Gases (petroleum), depropanizer dry,					
	propene-rich; Petroleum gas; [A complex					
	combination of hydrocarbons produced by					
	the distillation of products from the gas and					
	gasoline fractions of a catalytic cracking					
	process. It consists predominantly of					
68477-90-7	propylene with some ethane and propane.]	Cancer		Maine (EU Carcinogen)		Х
	Gases (petroleum), depropanizer					
	overheads; Petroleum gas; [A complex					
	combination of hydrocarbons produced by					
	distillation of products from the gas and					
	gasoline fractions of a catalytic cracking					
	process. It consists of aliphatic					
	hydrocarbons having carbon numbers					
	predominantly in the range of C2 through					
68477-91-8	C4.]	Cancer		Maine (EU Carcinogen)		Х
	Gases (petroleum), distillate unifiner					
	desulfurization stripper off; Refinery gas; [A					
	complex combination stripped from the					
	liquid product of the unifiner					
	desulfurization process. It consists of					
	hydrogen sulfide, methane, ethane, and					
68919-01-7	propane.]	Cancer		Maine (EU Carcinogen)		Х



			Persistent,			
			Bioaccumulative,			
			Toxic or very			
			Persistent, very		,,	HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Gases (petroleum), dry sour, gas-concn					
	unit-off; Refinery gas; [The complex					
	combination of dry gases from a gas					
	concentration unit. It consists of hydrogen,					
	hydrogen sulfide and hydrocarbons having					
	carbon numbers predominantly in the					
68477-92-9	range of C1 through C3.]	Cancer		Maine (EU Carcinogen)		Х
	Gases (petroleum), fluidized catalytic					
	cracker fractionation off; Refinery gas; [A complex combination produced by the					
	fractionation of the overhead product of					
	the fluidized catalytic cracking process. It					
	consists of hydrogen, hydrogen sulfide,					
	nitrogen, and hydrocarbons having carbon					
	numbers predominantly in the range of C1					
68919-02-8	through C5.]	Cancer		Maine (EU Carcinogen)		Х
	Gases (petroleum), fluidized catalytic cracker scrubbing secondary absorber off;					
	Refinery gas; [A complex combination					
	produced by scrubbing the overhead gas					
	from the fluidized catalytic cracker. It					
	consists of hydrogen, nitrogen, methane,					
68919-03-9	ethane and propane.]	Cancer		Maine (EU Carcinogen)		Х
	Gases (petroleum), fluidized catalytic cracker splitter overheads; Petroleum gas;					
	[A complex combination of hydrocarbons					
	produced by the fractionation of the charge					
	to the C3 -C4 splitter. It consists					
	predominantly of C3 hydrocarbons.]	Cancer		Maine (EU Carcinogen)		х
	Gases (petroleum), full-range straight-run					
	naphtha dehexanizer off; petroleum gas; [A					
	complex combination of hydrocarbons					
	obtained by the fractionation of the full- range straight-run naphtha. It consists of					
	hydrocarbons having carbon numbers					
	predominantly in the range of C2 through					
68513-15-5	C6.]	Cancer		Maine (EU Carcinogen)		x



			Dansistant			
			Persistent,			
			Bioaccumulative,			
			Toxic or very			UDV /2006 and 2 of 4
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Gases (petroleum), gas concn. reabsorber					
	distn.; Refinery gas; [A complex					
	combination of hydrocarbons produced by					
	distillation of products from combined gas					
	streams in a gas concentration reabsorber.					
	It consists predominantly of hydrogen,					
	carbon monoxide, carbon dioxide, nitrogen,					
	hydrogen sulfide and hydrocarbons having					
	carbon numbers in the range of C1 through					
68477-93-0	C3.]	Cancer		Maine (EU Carcinogen)		
	Gases (petroleum), gas oil diethanolamine					
	scrubber off; Refinery gas; [A complex					
	combination produced by desulfurization of					
	gas oils with diethanolamine. It consists					
	predominantly of hydrogen sulfide,					
	hydrogen and aliphatic hydrocarbons					
	having carbon numbers in the range of C1					
92045-15-3	through C5.]	Cancer		Maine (EU Carcinogen)		
	Gases (petroleum), gas oil					
	hydrodesulfurization effluent; Refinery gas;					
	[A complex combination obtained by					
	separation of the liquid phase from the					
	effluent from the hydrogenation reaction. It					
	consists predominantly of hydrogen,					
	hydrogen sulfide and aliphatic					
	hydrocarbons having carbon numbers					
92045-16-4	predominantly in the range of C1 through	Cancer		Maine (EU Carcinogen)		
92043-10-4	Gases (petroleum), gas oil	Cancer		ivialile (EO Carcillogell)		
	hydrodesulfurization purge; Refinery gas; [A					
	complex combination of gases obtained					
	from the reformer and from the purges					
	from the hydrogenation reactor. It consists					
	predominantly of hydrogen and aliphatic					
	hydrocarbons having carbon numbers					
	predominantly in the range of C1 through					
92045-17-5	C4.]	Cancer		Maine (EU Carcinogen)		
22U4J-17-3	[C4.]	Cancer		Imanie (Lo Carcinogen)	1	



			Persistent, Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
68477-94-1	Gases (petroleum), gas recovery plant depropanizer overheads; Petroleum gas; [A complex combination of hydrocarbons obtained by fractionation of miscellaneous hydrocarbon streams. It consists predominantly of hydrocarbons having carbon numbers in the range of C1 through C4, predominantly propane.]	Cancer		Maine (EU Carcinogen)		X
68477-95-2	Gases (petroleum), Girbotol unit feed; Petroleum gas; [A complex combination of hydrocarbons that is used as the feed into the Girbotol unit to remove hydrogen sulfide. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C2 through C4.]			Maine (EU Carcinogen)		
68919-04-0	Gases (petroleum), heavy distillate hydrotreater desulfurization stripper off; Refinery gas; [A complex combination stripped from the liquid product of the heavy distillate hydrotreater desulfurization process. It consists of hydrogen, hydrogen sulfide, and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		X
68513-16-6	Gases (petroleum), hydrocracking depropanizer off, hydrocarbon-rich; Petroleum gas; [A complex combination of hydrocarbon produced by the distillation of products from a hydrocracking process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C4. It may also contain small amounts of hydrogen and hydrogen sulfide.]	Cancer		Maine (EU Carcinogen)		x



			Persistent, Bioaccumulative, Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Gases (petroleum), hydrocracking low-					
	pressure separator; Refinery gas; [A					
	complex combination obtained by the					
	liquid-vapor separation of the					
	hydrocracking process reactor effluent. It					
	consists predominantly of hydrogen and					
	saturated hydrocarbons having carbon					
	numbers predominantly in the range of C1					
68783-06-2	through C3.]	Cancer		Maine (EU Carcinogen)		х
	Gases (petroleum), hydrogen absorber off;					
	Refinery gas; [A complex combination					
	obtained by absorbing hydrogen from a					
	hydrogen rich stream. It consists of					
	hydrogen, carbon monoxide, nitrogen, and					
	methane with small amounts of C2					
68477-96-3	hydrocarbons.]	Cancer		Maine (EU Carcinogen)		
00177 30 3	inyan cean action	Carroca		manie (20 caroniogen)		
	Gases (petroleum), hydrogenator effluent					
	flash drum off; Refinery gas; [A complex					
	combination of gases obtained from flash					
	of the effluents after the hydrogenation					
	reaction. It consists predominantly of					
	hydrogen and aliphatic hydrocarbons					
	having carbon numbers predominantly in					
92045-18-6	the range of C1 through C6.]	Cancer		Maine (EU Carcinogen)		
320.0 20 0				manie (20 caroniogen)		
	Gases (petroleum), hydrogen-rich; Refinery					
	gas; [A complex combination separated as a					
	gas from hydrocarbon gases by chilling. It					
	consists primarily of hydrogen with various					
	small amounts of carbon monoxide,					
68477-97-4	nitrogen, methane, and C2 hydrocarbons.]	Cancer		Maine (EU Carcinogen)		х
001,7, 37, 1	maregery meanancy and e2 myarecarsensi	Carrott		manie (20 caroniogen)		^
	Gases (petroleum), hydrotreated sour					
	kerosine depentanizer stabilizer off,					
	Refinery gas, [The complex combination					
	obtained from the depentanizer					
	stabilization of hydrotreated kerosine. It					
	consists primarily of hydrogen, methane,					
	ethane, and propane with various small					
	amounts of nitrogen, hydrogen sulfide,					
	carbon monoxide and hydrocarbons having					
C0014 FC 0	carbon numbers predominantly in the	Company		Maine (FII Carrier and)		
68911-58-0	range of C4 through C5.]	Cancer		Maine (EU Carcinogen)		



			Persistent, Bioaccumulative, Toxic or very			
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
	Gases (petroleum), hydrotreated sour kerosine flash drum; Refinery gas; [A complex combination obtained from the flash drum of the unit treating sour					
	kerosine with hydrogen in the presence of a catalyst. It consists primarily of hydrogen and methane with various small amounts of nitrogen, carbon monoxide, and hydrocarbons having carbon numbers					
	predominantly in the range of C2 through					
68911-59-1	C5.]	Cancer		Maine (EU Carcinogen)		X
	Gases (petroleum), hydrotreater blend oil recycle, hydrogen-nitrogen-rich; Refinery gas; [A complex combination obtained from					
	recycled hydrotreated blend oil. It consists primarily of hydrogen and nitrogen with					
	various small amounts of carbon monoxide, carbon dioxide and hydrocarbons having carbon numbers predominantly in the					
68477-98-5	range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		
	Gases (petroleum), isomerized naphtha fractionator, C4-rich, hydrogen sulfide-free;					
68477-99-6	Petroleum gas	Cancer		Maine (EU Carcinogen)		
	Gases (petroleum), light straight run gasoline fractionation stabilizer off;					
	Petroleum gas; [A complex combination of hydrocarbons obtained by the fractionation					
	of light straight-run gasoline. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the					
68919-05-1	range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		Х
	Gases (petroleum), light straight-run					
	naphtha stabilizer off; Petroleum gas; [A					
	complex combination of hydrocarbons obtained by the stabilization of light					
	straight-run naphtha. It consists of					
	saturated aliphatic hydrocarbons having					
68513-17-7	carbon numbers predominantly in the range of C2 through C6.]	Cancer		Maine (EU Carcinogen)		×



			Persistent, Bioaccumulative, Toxic or very			
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
	Gases (petroleum), naphtha steam cracking high-pressure residual; Refinery gas; [A complex combination obtained as a mixture of the non-condensable portions from the product of a naphtha steam cracking process as well as residual gases obtained during the preparation of subsequent products. It consists predominantly of hydrogen and paraffinic and olefinic hydrocarbons having carbon numbers predominantly in the range of C1 through					
92045-19-7	C5 with which natural gas may also be mixed.]	Cancer		Maine (EU Carcinogen)		
68919-06-2	Gases (petroleum), naphtha unifiner desulfurization stripper off; Petroleum gas; [A complex combination of hydrocarbons produced by a naphtha unifiner desulfurization process and stripped from the naphtha product. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		x
	Gases (petroleum), oil refinery gas distn. off; Refinery gas; [A complex combination separated by distillation of a gas stream containing hydrogen, carbon monoxide, carbon dioxide and hydrocarbons having carbon numbers in the range of C1 through C6 or obtained by cracking ethane and propane. It consists of hydrocarbons having carbon numbers predominantly in the range of C1 through C2, hydrogen, nitrogen,					
68527-15-1	and carbon monoxide.] Gases (petroleum), platformer products separator off; Refinery gas; [A complex combination obtained from the chemical reforming of naphthenes to aromatics. It consists of hydrogen and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C2	Cancer		Maine (EU Carcinogen)		
68814-90-4	through C4.]	Cancer		Maine (EU Carcinogen)		



			Persistent,			
			Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Gases (petroleum), platformer stabilizer off,					
	light ends fractionation; Refinery gas; [A					
	complex combination obtained by the					
	fractionation of the light ends of the					
	platinum reactors of the platformer unit. It					
	consists of hydrogen, methane, ethane and					
68919-07-3	propane.]	Cancer		Maine (EU Carcinogen)		Х
	Gases (petroleum), preflash tower off,					
	crude distn.; Refinery gas; [A complex					
	combination produced from the first tower					
	used in the distillation of crude oil. It					
	consists of nitrogen and saturated aliphatic					
	hydrocarbons having carbon numbers					
68919-08-4	predominantly in the range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		v
06919-06-4	[C3.]	Cancer		Ivianie (EO Carcinogen)		X
	Gases (petroleum), recycle, hydrogen-rich;					
	Refinery gas; [A complex combination					
	obtained from recycled reactor gases. It					
	consists primarily of hydrogen with various					
	small amounts of carbon monoxide, carbon					
	dioxide, nitrogen, hydrogen sulfide, and					
	saturated aliphatic hydrocarbons having					
	carbon numbers in the range of C1 through					
68478-00-2	[C5.]	Cancer		Maine (EU Carcinogen)		X
	Gases (petroleum), refinery blend;					
	Petroleum gas; [A complex combination					
	obtained from various processes. It consists of hydrogen, hydrogen sulfide and					
	hydrocarbons having carbon numbers					
	predominantly in the range of C1 through					
68783-07-3	C5.]	Cancer		Maine (EU Carcinogen)		x
10.00 0.0				(20 00.000000)		
	Gases (petroleum), refinery; Refinery gas;					
	[A complex combination obtained from					
	various petroleum refining operations. It					
	consists of hydrogen and hydrocarbons					
	having carbon numbers predominantly in					
68814-67-5	the range of C1 through C3.]	Cancer		Maine (EU Carcinogen)		X



			Persistent,			
			Bioaccumulative,			
			Toxic or very			HPV (2006 and 3 of 4
CAC N	Observation I No. 11	the different extents.	Persistent, very	6(2)	Harris and A.V. andrea	
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Gases (petroleum), reformer effluent high- pressure flash drum off; Refinery gas; [A complex combination produced by the high- pressure flashing of the effluent from the reforming reactor. It consists primarily of					
	hydrogen with various small amounts of					
68513-18-8	methane, ethane, and propane.]	Cancer		Maine (EU Carcinogen)		Х
	Gases (petroleum), reformer effluent low- pressure flash drum off; Refinery gas; [A complex combination produced by low- pressure flashing of the effluent from the reforming reactor. It consists primarily of hydrogen with various small amounts of					
68513-19-9	methane, ethane, and propane.]	Cancer		Maine (EU Carcinogen)		X
	Gases (petroleum), reformer make-up, hydrogen-rich; Refinery gas; [A complex combination obtained from the reformers. It consists primarily of hydrogen with various small amounts of carbon monoxide and aliphatic hydrocarbons having carbon numbers predominantly in the range of C1					
68478-01-3	through C5.]	Cancer		Maine (EU Carcinogen)		х
	Gases (petroleum), reforming hydrotreater make-up, hydrogen-rich; Refinery gas; [A complex combination obtained from the reforming hydrotreating process. It consists primarily of hydrogen with various small amounts of carbon monoxide and aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through					
68478-04-6	C5.]	Cancer		Maine (EU Carcinogen)		



			Persistent,			
			Bioaccumulative,			
			Toxic or very			HPV (2006 and 3 of 4
			Persistent, very			•
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Gases (petroleum), reforming hydrotreater,					
	hydrogen-methane-rich; Refinery gas; [A					
	complex combination obtained from the reforming hydrotreating process. It consists					
	3.					
	primarily of hydrogen and methane with various small amounts of carbon monoxide,					
	carbon dioxide, nitrogen and saturated					
	aliphatic hydrocarbons having carbon					
	numbers predominantly in the range of C2					
68478-03-5	through C5.]	Cancer		Maine (EU Carcinogen)		
00470 03 3	in ough es.j	Caricer		Waine (Eo Caremogen)		
	Gases (petroleum), reforming hydrotreater;					
	Refinery gas; [A complex combination					
	obtained from the reforming hydrotreating					
	process. It consists primarily of hydrogen,					
	methane, and ethane with various small					
	amounts of hydrogen sulfide and aliphatic					
	hydrocarbons having carbon numbers					
	predominantly in the range of C3 through					
68478-02-4	C5.]	Cancer		Maine (EU Carcinogen)		
	Gases (petroleum), residue visbaking off;					
	Refinery gas; [A complex combination					
	obtained from viscosity reduction of					
	residues in a furnace. It consists predominantly of hydrogen sulfide and					
	paraffinic and olefinic hydrocarbons having					
	carbon numbers predominantly in the					
92045-20-0	range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		
32013 20 0	Tunge of CI through Co.	Carreer		ividine (20 careinogen)		
	Gases (petroleum), secondary absorber off,					
	fluidized catalytic cracker overheads					
	fractionator; Refinery gas; [A complex					
	combination produced by the fractionation					
	of the overhead products from the catalytic					
	cracking process in the fluidized catalytic					
	cracker. It consists of hydrogen, nitrogen,					
	and hydrocarbons having carbon numbers					
	predominantly in the range of C1 through					
68602-84-6	C3.]	Cancer		Maine (EU Carcinogen)		Х



			Persistent, Bioaccumulative, Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Gases (petroleum), sponge absorber off,					
	fluidized catalytic cracker and gas oil					
	desulfurizer overhead fractionation;					
	Refinery gas; [A complex combination					
	obtained by the fractionation of products					
	from the fluidized catalytic cracker and gas					
	oil desulfurizer. It consists of hydrogen and					
	hydrocarbons having carbon numbers					
	predominantly in the range of C1 through					
68955-33-9	[C4.]	Cancer		Maine (EU Carcinogen)		X
	Gases (petroleum), steam-cracker C3-rich;					
	Petroleum gas; [A complex combination of					
	hydrocarbons produced by the distillation					
	of products from a steam cracking process.					
	It consists predominantly of propylene with					
	some propane and boils in the range of					
92045-22-2	approximately -70°C to 0°C (-94°F to 32°F).]	Cancer		Maine (EU Carcinogen)		
	,,,					
	Gases (petroleum), straight-run naphtha					
	catalytic reformer stabilizer overhead;					
	Petroleum gas; [A complex combination of					
	hydrocarbons obtained by the catalytic					
	reforming of straight-run naphtha and the					
	fractionation of the total effluent. It					
	consists of saturated aliphatic hydrocarbons					
	having carbon numbers predominantly in					
68955-34-0	the range of C2 through C4.]	Cancer		Maine (EU Carcinogen)		Х
	Gases (petroleum), straight-run naphtha					
	catalytic reforming off; Petroleum gas; [A					
	complex combination of hydrocarbons					
	obtained by the catalytic reforming of					
	straight-run naphtha and fractionation of					
60010 00 5	the total effluent. It consists of methane,	C		Maine (FILCounity		
68919-09-5	ethane, and propane.]	Cancer		Maine (EU Carcinogen)		



			Persistent, Bioaccumulative,			
			Toxic or very Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Gases (petroleum), straight-run stabilizer					
	off; Petroleum gas; [A complex combination					
	of hydrocarbons obtained from the					
	fractionation of the liquid from the first tower used in the distillation of crude oil. It					
	consists of saturated aliphatic hydrocarbons					
	having carbon numbers predominantly in					
68919-10-8	the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		х
	Gases (petroleum), tar stripper off; Refinery					
	gas; [A complex combination obtained by					
	the fractionation of reduced crude oil. It					
	consists of hydrogen and hydrocarbons					
	having carbon numbers predominantly in	C		Mains (FII Causin a sau)		
68919-11-9	the range of C1 through C4.] Gases (petroleum), thermal cracking distn.;	Cancer		Maine (EU Carcinogen)		
	Refinery gas; [A complex combination					
	produced by distillation of products from a					
	thermal cracking process. It consists of					
	hydrogen, hydrogen sulfide, carbon					
	monoxide, carbon dioxide and hydrocarbons having carbon numbers					
	predominantly in the range of C1 through					
68478-05-7	C6.]	Cancer		Maine (EU Carcinogen)		х
	Gases (petroleum), unifiner stripper off;					
	Refinery gas; [A combination of hydrogen					
	and methane obtained by fractionation of					
68919-12-0	the products from the unifiner unit.]	Cancer		Maine (EU Carcinogen)		
	Gases (petroleum, light steam-cracked,					
	butadiene conc.; Petroleum gas; [A complex					
	combination of hydrocarbons produced by					
	the distillation of products from a thermal					
	cracking process. It consists of					
68955-28-2	hydrocarbons having a carbon number predominantly of C4.]	Cancer		Maine (EU Carcinogen)		x
33333 23 2	Gasoline (A complex combination of			manie (20 careniogen)		^
	hydrocarbons consisting primarily of					
	paraffins, cycloparaffins, aromatic and					
	olefinic hydrocarbons having carbon					
	numbers predominantly greater than C3 and boiling in the range of 30°C to 260°C			Maine (Canada PBiT); WA		
	(86°F to 500°F))		x	Appen1	Gasoline	



			Persistent, Bioaccumulative,			
			Toxic or very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
C/13 Italiibei	Circinical Hame	Treater enapolities	Dioaccamalative	Source(s)	ose example(s) of class	years,
	Gasoline (A complex combination of					
	hydrocarbons separated from natural gas					
	by processes such as refrigeration or					
	absorption. It consists predominantly of					
	saturated aliphatic hydrocarbons having					
	carbon numbers predominantly in the					
	range of C4 through C8 and boiling in the					
	range of approximately minus 20°C to 120°C					
8006-61-9	(-4°F to 248°F))	Nervous system		HSDB	Fuel	Х
N/A	Gasoline engine exhaust (condensates/extracts)	Cancer		Maine (CA Prop 65); WA Appen2		
77182-82-2	Glufosinate-ammonium	Kidney		IRIS; WA Appen1	Pesticide	
	Glu-P-1 (2-Amino-6-methyldipyrido[1,2-			-7 111-		
67730-11-4	a:3',2'-d]imidazole)	Cancer		Maine (CA Prop 65); WA Appen1	Grilled food	
	Glu-P-2 (2-Aminodipyrido[1,2-a:3',2'-					
67730-10-3	d]imidazole)	Cancer		Maine (CA Prop 65); WA Appen1		
				Maine (CA Prop 65; IRIS); WA	Research, crosslinking agent, veterinary	
765-34-4	Glycidaldehyde	Cancer		Appen1	pharmaceutical	
				Maine (CA Dress CE, IADC, NTD	Alkylating agent, chemical intermediate	
556-52-5	Glycidol	Cancer		Maine (CA Prop 65; IARC; NTP 11th ROC); WA Appen1	for pharmaceuticals, cosmetics, stabilizer for natural oils	
1071-83-6	Glyphosate	Development		IRIS; WA Appen1	Pesticide	
1071 05 0	Gyromitrin (Acetaldehyde	Development			resticiae	
16568-02-8	methylformylhydrazone)	Cancer		Maine (CA Prop 65); WA Appen1	Mushroom natural toxin	
69806-40-2	Haloxyfop-methyl	Kidney, Reproduction		IRIS; WA Appen1	Pesticide (not EPA registered)	
2784-94-3	HC Blue 1	Cancer		Maine (CA Prop 65); WA Appen1	Dvo	
2764-34-3	inc blue 1	Cancer		Maine (CATTOP 03), WA Appent	Dye	
				Maine (CA Prop 65; IRIS; EPA		
				Final PBT Rule for TRI; TRI PBT		
				Chemical List; NWM Priority		
				Chemicals; WA PBT List; OSPAR		
				Chemicals of Concern); WA		
				Appen1; Oregon P3 List;		
76-44-8	Heptachlor	Cancer, Development	Х	Minnesota HRL	Pesticide (EPA reg. cancelled)	
				Maine (CA Prop 65: IDIC: NIMM		
				Maine (CA Prop 65; IRIS; NWM Priority Chemicals; WA PBT List;		
				OSPAR Chemicals of Concern);		
				WA Appen1l Oregon P3 List;		
1024-57-3	Heptachlor epoxide	Cancer	x	Minnesota HRL	Heptachlor metabolite	
				Maine (WA PBT List; OSPAR		
	Heptachloronaphthalene [Polychlorinated			Chemicals of Concern); WA		
32241-08-0	naphthalenes]		Х	Appen1; Oregon P3 List	PCN	



			Persistent,			
			Bioaccumulative,			
			Toxic or very			HPV (2006 and 3 of 4
CAC November	Chaminal Name	Us alab an du sina/s)	Persistent, very	Course (a)	Han arrayalatal an alara	*
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
				Maine (OSPAR Chemicals of		
				Concern; OSPAR Chemicals for		
28680-45-7	heptachloronorbornene		x	Priority Action); WA Appen1	Chemical intermediate	
				Maine (OSPAR Chemicals of		
335-57-9	heptane, hexadecafluoro-		x	Concern); WA Appen1	Electrical engineering applications	
	Heptanoic acid, tridecafluoro-, ammonium			Maine (Canada PBiT); WA		
6130-43-4	salt		Х	Appen1		
				Maine (WA PBT List); WA		
59536-65-1	Hexabromobiphenyl		Х	Appen1	Flame retardant	
				AASSA (AAA DOTTISA EU DOTTISA		
				Maine (WA PBT List; EU PBT List; REACH Substances of Very High		
				Concern); WA Appen1; WA		
25637-99-4	 Hexabromocyclododecane		x	CHCC; Oregon P3 List	 Flame retardant	
23037 33 4	inexabiomocyclododecane		^	Maine (OSPAR Chemicals of	Traine retardant	
26447-49-4	hexabromododecane		×	Concern); WA Appen1	 Flame retardant	
20117 13 1	nexasi om od od codne		,	Concern, With peni	name retardant	
				Maine (CA Prop 65; IRIS; NTP		
				11th ROC; OSPAR Chemicals of		
				Concern; EU Endocrine		
				Disruptor; EPA Final PBT Rule for		
				TRI; TRI PBT Chemical List; EPA		
				Priority PBT; NWM Priority		
				Chemicals; WA PBT List; Canada		
		Cancer, Development,		PBiT); WA Appen1; WA CHCC;	Pesticide (EPA reg. cancelled),	
118-74-1	Hexachlorobenzene	Endocrine system	Х	Oregon P3 List; Minnesota HRL	plasticizer	
				Maine (NWM Priority Chemicals;		
				WA PBT List; EU PBT List; OSPAR		
				Chemicals of Concern; Canada		
07.60.3	Uson ald a sale out a disas a	1/: -l · ·		PBiT); WA Appen1; WA CHCC;	Calvant fundament	
87-68-3	Hexachlorobutadiene	Kidney	X	Minnesota HRL	Solvent, fumigant	
				Maine (CA Prop 65; Canada PBiT; NTP 11th ROC; OSPAR Chemicals		
				of Concern; EU Endocrine		
				Disruptor; NWM Priority		
				Chemicals; OSPAR Chemicals of		
				Concern); WA Appen1; Oregon		
58-89-9	 Hexachlorocyclohexane, gamma-, (Lindane)	Cancer; Endocrine system	x	P3 List	Antimicrobial	
	, , , , , , , , , , , , , , , , , , , ,	Kidney, Liver, Respiratory		ATSDR; HSDB; IRIS; NTP; WA	Flame retardants mfg, pesticide (EPA	
77-47-4	Hexachlorocyclopentadiene	system		Appen1	reg. cancelled)	x
34465-46-8	Hexachlorodibenzodioxin	Cancer		Maine (CA Prop 65); WA Appen1	Combustion by-product	



			Persistent,			
			Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
				Maine (CA Prop 65; NTP 11th		
				ROC; NWM Priority Chemicals;		
				OSPAR Chemicals of Concern);	Organic chemical synthesis,	
67-72-1	Hexachloroethane	Cancer	x	WA Appen1	pyrotechnics, solvent	
				Maine (WA PBT List; OSPAR		
	Hexachloronaphthalene [Polychlorinated			Chemicals of Concern); WA		
1335-87-1	naphthalenes]		х	Appen1; Oregon P3 List	Capacitors - electric cable coverings	
					Chemical intermediate	
					hexafluoroisopropanol, polyacrylates,	
684-16-2	Hexafluoroacetone	Reproduction		Maine (CA Prop 65)	organic synthesis	
					Curing agent for epoxy resins and	
85-42-7	Hexahydrophthalic anhydride (HHPA)	Respiratory system, Skin		EPA - HC	intermediate for plasticizers	х
					Processing solvent for aromatic	
				Maine (CA Prop 65; NTP 11th	polyamide fiber, de-icing additive for jet	
680-31-9	Hexamethylphosphoramide	Cancer		ROC); WA Appen1	fuels, solvent for polymers	
	hexane, 1,1,1,2,2,3,3,4,4,5,5,6,6-			Maine (OSPAR Chemicals of		
355-43-1	tridecafluoro-6-iodo-		х	Concern); WA Appen1	Used in chemical synthesis	
				Maine (OSPAR Chemicals of	Electrical engineering applications,	
355-42-0	hexane, tetradecafluoro- (Perflexane)		x	Concern); WA Appen1	solvent, heat transfer	
	Hexanedioic acid, bis[2-[[4-(2,2-					
	dicyanoethenyl) -3-			Maine (Canada PBiT); WA		
25857-05-0	methylphenyl]ethylamino]ethyl] ester		х	Appen1	Dye	
51235-04-2	Hexazinone	Body weight		IRIS; WA Appen1	Pesticide	
78587-05-0	Hexythiazox (Savey)	Adrenal complex, Blood		IRIS; WA Appen1	Pesticide	
		Body Weight,			Organic synthesis, high molecular	
550-44-7	H-Isoindole-1,3(2H)-dione, 2-methyl-	Development, Liver		EPA - HC	weight polyetherimide polymers	Х
		Development,		Maine (OSPAR Chemicals of		
67485-29-4	hydramethylnon	Reproduction	х	Concern); WA Appen1	Pesticide	
				Maine (CA Prop 65; IRIS; NTP		
				11th ROC); WA Appen1;	Oxygen scavenger, propellant, reagent,	
302-01-2	Hydrazine	Cancer		Minnesota HRV	reducing agent	x (2006)
				Maine (CA Prop 65; NTP 11th	Antioxidant, refining, soldering, blood	
10034-93-2	Hydrazine sulfate	Cancer		ROC); WA Appen1	tests, fungicide, pharmaceutical	
					Chemical intermediate for benzidine,	
				Maine (CA Prop 65; IRIS; NTP	synthesis of phenylbutazone, additive	
122-66-7	Hydrazobenzene (1,2-Diphenylhydrazine)	Cancer		11th ROC); WA Appen1	to motor oil	
				Maine (Canada PBiT); WA		
68476-44-8	Hydrocarbons, C>3		х	Appen1		х
	Hydrocarbons, C12-25, dehydrated used			Maine (Canada PBiT); WA		
129566-94-5	lubricating oil distillates		х	Appen1		



			Persistent, Bioaccumulative, Toxic or very			
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
	Hydrocarbons, C1-3; Petroleum gas; [A complex combination of hydrocarbons having carbon numbers predominantly in the range of C1 through C3 and boiling in the range of approximately minus 164°C to					
68527-16-2	minus 42°C (-263°F to -44°F).]	Cancer		Maine (EU Carcinogen)		x
68527-19-5	Hydrocarbons, C1-4, debutanizer fraction; Petroleum gas	Cancer		Maine (EU Carcinogen)		x
68514-36-3	Hydrocarbons, C1-4, sweetened; Petroleum gas; [A complex combination of hydrocarbons obtained by subjecting hydrocarbon gases to a sweetening process to convert mercaptans or to remove acidic impurities. It consists of hydrocarbons having carbon numbers predominantly in the range of C1 through C4 and boiling in the range of approximately -164°C to -0.5°C (-263°F to 31°F).]			Maine (EU Carcinogen)		
68514-31-8	Hydrocarbons, C1-4; Petroleum gas; [A complex combination of hydrocarbons provided by thermal cracking and absorber operations and by distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C1 through C4 and boiling in the range of approximately minus 164°C to minus 0.5°C (-263°F to 31°F).]			Maine (EU Carcinogen)		×
00314-31-0	203 1 to 31 1).]	Cancer		Maine (LO Carcinogen)		^
68476-49-3	Hydrocarbons, C2-4, C3-rich; Petroleum gas			Maine (EU Carcinogen)		х
68606-25-7 68606-26-8	Hydrocarbons, C2-4; Petroleum gas Hydrocarbons, C3; Petroleum gas	Cancer Cancer		Maine (EU Carcinogen) Maine (EU Carcinogen)		X X
20000 20 0	Hydrocarbons, C3-11, catalytic cracker	Carreer		Maine (Canada PBiT); WA		^
68476-46-0	distillates		х	Appen1		х
68476-40-4	Hydrocarbons, C3-4, Petroleum gas	Cancer		Maine (EU Carcinogen)		X
68512-91-4	Hydrocarbons, C3-4-rich, petroleum distillate; Petroleum gas; [A complex combination of hydrocarbons produced by distillation and condensation of crude oil. It consists of hydrocarbons having carbon numbers in the range of C3 through C5, predominantly C3 through C4.]	Cancer		Maine (EU Carcinogen)		×



			Persistent,			
			Bioaccumulative,			
			Toxic or very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Sourco(s)	Use example(s) or class	years) ¹
87741-01-3	Hydrocarbons, C4, Petroleum gas	Cancer	Bioaccumulative	Source(s) Maine (EU Carcinogen)	Ose example(s) or class	years)
87741-01-3	Trydrocarbons, C4, Fetroleum gas	Cancer		Iviairie (Lo carcinogen)		
	Hydrocarbons, C4, steam-cracker distillate;					
	Petroleum gas; [A complex combination of					
	hydrocarbons produced by the distillation					
	of the products of a steam cracking process.					
	It consists predominantly of hydrocarbons					
	having a carbon number of C4,					
	predominantly 1-butene and 2-butene,					
	containing also butane and isobutene and					
	boiling in the range of approximately minus					
92045-23-3	12°C to 5°C (10.4°F to 41°F).]	Cancer		Maine (EU Carcinogen)		
68476-42-6	Hydrocarbons, C4-5, Petroleum gas	Cancer		Maine (EU Carcinogen)		Х
7647-01-0	Hydrochloric acid	Eyes, Respiratory system		WA Appen1; Minnesota HRV	Cleaning (several uses)	X
7664-39-3	Hydrofluoric acid	Respiratory system		WA Appen1; Minnesota HRV	Cleaning, catalyst, several others	Х
		Endocrine system, Nervous			Pesticide (EPA reg. cancelled),	
74-90-8	Hydrogen cyanide	system		WA Appen1; Minnesota HRV	electroplating, metal mfg	х
				IRIS; WA Appen1; Minnesota		
7783-06-4	Hydrogen sulfide	Respiratory system		HRV	Decaying matter, by product	х
35554-44-0	Imazalil (Enilconazole)	Body weight		IRIS; WA Appen1	Pesticide	
				Maine (CA Prop 65; IRIS; NTP		
				11th ROC; EPA Final PBT Rule for		
				TRI; WA PBT List); WA Appen1;		
193-39-5	Indeno(1,2,3-cd)pyrene	Cancer	Х	Oregon P3 List	Research, combustion by- product	
				Maine (CA Prop 65; IARC); WA		
22398-80-7	Indium phosphide	Cancer		Appen1	Semiconductors, laser, solar cells	
10012.55.0	11	D. d		144 · · · · (CA D. · · · CE) 144 A . · · · · · · · · · · · · · · · · · ·	Cancer treatment, research, tracer	
10043-66-0	lodine-131	Development		Maine (CA Prop 65); WA Appen1	cnemical	
1689-83-4	lownil	Endocrine system		Maine (EU Endocrine disruptor);	 Herbicide	
1089-83-4	loxynil	Endocrine system		WA Appen1	herbicide	
36734-19-7	Iprodione	Cancer		Maine (CA Prop 65); WA Appen1	Posticido	
30734-13-7	ipiodione	Cancer		Walle (CA Flop 65), WA Appelli	resticide	
140923-17-7	 Iprovalicarb (also CAS#140923-25-7)	Cancer	x	Maine (CA Prop 65); WA Appen1	Pesticide (not FPA registered)	
140323 17 7	IQ (2-Amino-3-methylimidazo[4,5-f]	Currect		Maine (CA Prop 65; IARC; NTP	resticiae (not El Aregisterea)	
76180-96-6	quinoline)	Cancer		11th ROC); WA Appen1	Research, in broiled food	
6683-19-8	Irganox 1010	Development		EPA - HC	Antioxidant	Х
	0			Maine (CA Prop 65; NTP 11th		,
9004-66-4	Iron dextran complex	Cancer		ROC); WA Appen1	Catalyst, pigment, drugs, agriculture	
	Isobutane (containing 0.1 % butadiene (203-				, ,, 5 , 5, 15 11 11	
75-28-5	450-8))	Cancer		Maine (EU Carcinogen)	Propellant, gasoline	X
542-56-3	Isobutyl nitrite	Cancer		Maine (CA Prop 65); WA Appen1	Chemical intermediate	



			Persistent,			
			Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
C/15 Hamber	Chemical Hame	Ticaren enapolite(s)	Dioaccamaracive	Maine (EPA Final PBT Rule for	Ose example(s) of class	yearsy
				TRI; TRI PBT Chemical List;		
				OSPAR Chemicals of Concern;		
				OSPAR Chemicals for Priority		
				Action); WA Appen1; Oregon P3		
465-73-6	Isodrin		V	List	Pesticide (not EPA registered)	
403-73-0	Isouriii		X	Maine (CA Prop 65; NTP 11th	resticide (not EFA registered)	
				ROC); OECD - SIDS/SIAR; WA		
70 70 5	leanrana	Canaar		•	Course of hudrocarbons for rubbor mfg	v
	Isoprene	Cancer		Appen1	Source of hydrocarbons for rubber mfg	Х
33820-53-0	Isopropalin	Blood, Organ weight		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
141112 20 0	leavefly tele	Company		Maine (CA Duen CE), MA Annen 1	Dooticido	
141112-29-0	Isoxaflutole	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
		Short Control of the little				
		Blood, Gastrointestinal				
	()	system, Kidney, Nervous				
8008-20-6	Kerosene (JP-5, JP-8)	system, Respiratory system		HSDB; ATSDR	Jet fuel	X
77504 62 4						
77501-63-4	Lactofen	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
303-34-4	Lasiocarpine	Cancer		Maine (CA Prop 65); WA Appen1	Research	
				Maine (CA Prop 65; IRIS; NTP		
				11th ROC; TRI PBT Chemical List;		
				EPA Priority PBT; NWM Priority		
		Cancer, Development,		Chemicals); WA Appen1; Oregon		
7439-92-1	Lead	Reproduction	Х	P3 List	Lead acid batteries (several other uses)	x (2006)
	Lead 2,4,6-trinitro-m-phenylene dioxide,					
	lead 2,4,6-trinitroresorcinoxide, lead			Maine (EU Reproductive		
15245-44-0	styphnate	Reproduction		Toxicant)	Initiating explosive	
				Maine (CA Prop 65; EU		
				Reproductive toxicant); WA	Mordent, varnishes, lead driers, chrome	
301-04-2	Lead acetate	Cancer, Reproduction		Appen1	pigments	
				Maine (EU Reproductive		
13424-46-9	Lead azide, lead diazide	Reproduction		Toxicant)	Explosives	
				Maine (EU Reproductive		
				Toxicant); REACH Substance of		
7758-97-6	Lead chromate	Cancer, Reproduction		Very High Concern	Pigment	
				Maine (EU Reproductive		
25808-74-6	Lead hexafluorosilicate	Reproduction		Toxicant)	Refining lead	
				Maine (EU Carcinogen; EU		
				Reproductive Toxicant; REACH		
				Substances of Very High		
7784-40-9	Lead hydrogen arsenate	Cancer, Reproduction		Concern); WA Appen1	Pesticide (not EPA registered)	
				Maine (CA Prop 65; EU		
				Reproductive Toxicant); WA		
7446-27-7	Lead phosphate	Cancer, Reproduction		Appen1	Stabilizer in plastics	



			Persistent, Bioaccumulative, Toxic or very Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
		meant chapenit(s)	Dioaccamatactic	Maine (CA Prop 65; EU	Ose champic(s) or class	years)
				Reproductive Toxicant); WA		
1335-32-6	Lead subacetate	Cancer, Reproduction		Appen1	Sugar analysis, clarifying	
				Maine (EU Reproductive		
17570-76-2	Lead(II) methanesulphonate	Reproduction		Toxicant)		
				Maine (OSPAR Chemicals of		
78-00-2	lead, tetraethyl-		x	Concern); WA Appen1	Anti-knock additive for gasoline	x
				Maine (CA Prop 65; EU		
				Endocrine Disruptor); WA		
		Blood, Cancer, Endocrine		Appen1; Oregon P3 List;		
330-55-2	Linuron	system	х	Minnesota HRL	Pesticide	
					Pharmaceutical, production of glazes on	
					ceramic and electrical porcelain,	
554-13-2	Lithium carbonate	Development		Maine (CA Prop 65); WA Appen1	catalyst	
	Lubricating oils (petroleum), hydrotreated,			Maine (Canada PBiT); WA		
125471-97-8	used, distn. residues		X	Appen1		
				Maine (Canada PBiT); WA		
68476-77-7	Lubricating oils, refined used		Х	Appen1		
				Maine (Canada PBiT); WA		
70514-12-4	Lubricating oils, used		Х	Appen1	Lubricating oils	
				Maine (Canada PBiT); WA		
132538-91-1	Lubricating oils, used, distd., C5-18 fraction		Х	Appen1		
				Maine (Canada PBiT); WA		
132538-93-3	Lubricating oils, used, distd., light oil		X	Appen1		
				Maine (Canada PBiT); WA		
129893-17-0	Lubricating oils, used, residues		X	Appen1	Lubricating oils	X
	Lubricating oils, used, vacuum distd, clay-			Maine (Canada PBiT); WA		
129893-18-1	treated		X	Appen1	Lubricating oils	
				Maine (Canada PBiT); WA		
92045-41-5	Lubricating oils, used, vacuum distd.		Х	Appen1		
400 20 2		Ni.		LICED MAA A	Solvent, intermediate for dyes,	
108-38-3	m - xylene	Nervous system		HSDB; WA Appen1	pesticides, aviation fuel	X
4220 42 0		Fords with a south one		Maine (EU Endocrine Disruptor);		
4329-12-8	m,p'-DDD	Endocrine system		WA Appen1	Docticido	
121-75-5	Malathion	Nervous system		IRIS; WA Appen1	Pesticide Chemical manufacturing ingradient in	
109 21 6	Malais aphydrida	Evec Vidney		HSDB; IRIS; WA Appen1	Chemical manufacturing, ingredient in	V
108-31-6	Maleic anhydride	Eyes, Kidney		Maine (CA Prop 65; EU	bonding agents	X
				Endocrine Disruptor); WA		
8018-01-7	Mancozeb	Cancer, Endocrine system		Appen1	Pesticide	
3010-01-7	WidileOZeb	Curicer, Endocrine system		Maine (CA Prop 65; EU	1 esticiae	
				Endocrine Disruptor); WA		
12427-38-2	Maneb	Cancer, Endocrine system		Appen1	Pesticide	
12727 30 2	Tridings	Caricer, Endocrine System		WA Appen1; Minnesota HRV;	1 Cottoine	
7439-96-5	Manganese	Nervous system		Minnesota RAA	Batteries, inks, dyes (several other uses)	x (2006)
, 133 30 3	in an Buriese	The vous system		Trimine Soca Trivit	Datteries, links, dyes (several other dses)	x (2000)



			Persistent, Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
99-65-0	m-Dinitrobenzene	Reproduction		Maine (CA Prop 65); WA Appen1	Synthesis of organic chemicals	
	Me-A-alpha-C (2-Amino-3-methyl-9H-					
68006-83-7	pyrido[2,3-b]indole)	Cancer		Maine (CA Prop 65); WA Appen1	Formed during cooking	
	MeIQ (2-Amino-3,4-dimethylimidazo[4,5-			Maine (CA Prop 65; NTP 11th		
77094-11-2	f]quinoline)	Cancer		ROC); WA Appen1	In cooked meat and fish	
77500 04 0	MelQx (2-Amino-3,8-dimethylimidazo[4,5-			Maine (CA Prop 65; NTP 11th	La contrata de contra	
77500-04-0	f]quinoxaline)	Cancer			In cooked meats	
148-82-3	Malabalan	Canaar Davalanmant		Maine (CA Prop 65; IARC; NTP	Insect shapestavilant and drug	
110235-47-7	Melphalan Mepanipyrim	Cancer, Development Cancer		11th ROC); WA Appen1 Maine (CA Prop 65)	Insect chemosterilant and drug Pesticide (not EPA registered)	
110253-47-7	Niepanipymin	Blood, Body weight,		Ivialile (CA PTOP 63)	resticide (flot EFA registered)	
24307-26-4	Mepiquat chloride	Nervous system		IRIS; WA Appen1	 Pesticide	
21307 20 1	in epiquae emoriae	rtervous system		inio, www.ppenii	Fungicide, vulcanization agent for	
149-30-4	Mercaptobenzothiazole	Eyes, Skin		HSDB	rubber, pharmaceutical	х
7487-94-7	Mercuric chloride	Immune system		IRIS; WA Appen1	Perservative, battery cases	
		,				
				Maine (CA Prop 65; TRI PBT		
				Chemical List; EPA Priority PBT;		
				NWM Priority Chemicals); WA		
7439-97-6	Mercury	Development	х	Appen1; WA CHCC		
150-50-5	Merphos	Nervous system			Pesticide defoliant (EPA reg. cancelled)	Х
78-48-8	Merphos oxide (Tribufos)	Nervous system		IRIS; WA Appen1	Pesticide	
F7027.40.4	Name of the state	Blood chemistry, Organ		IBIS MA A	B. J. J. J.	
57837-19-1	Metalaxyl	weights			Pesticide	
		Canaar Davalanmant		Maine (CA Prop 65; EU		
137-42-8	Metham sodium	Cancer, Development, Endocrine system		Endocrine Disruptor); WA	Pesticide	
10265-92-6	Methamidophos	Nervous system		Appen1 IRIS; WA Appen1	Pesticide	
10203-92-0	Nethanidoprios	Nervous system		Maine (CA Prop 65; NTP 11th	resticide	
					Rocket and racing fuel, solvents for	
				•	vinyls, epoxies, polyamides and acrylic	
75-52-5	methane, nitro-	Cancer	x	,,	polymers	
	Methanesulfonamide, 1-chloro-N-(2-				J,	
	phenoxyphenyl)-, pentachloro deriv.,			Maine (Canada PBiT); WA		
94248-26-7	sodium salt		x	Appen1		
	Methanesulfonamide, 1-chloro-N-[2,3,4,5-					
	tetrachloro- 6-(2,4-			Maine (Canada PBiT); WA		
83721-48-6	dichlorophenoxy)phenyl]-, sodium salt		x	Appen1		
	Methanesulfonamide, 1-chloro-N-[2,3,4-					
	trichloro- 6-(2,4-dichlorophenoxy)phenyl]-,			Maine (Canada PBiT); WA		
83721-47-5	sodium salt		х	Appen1		



			Persistent, Bioaccumulative,			
CAS Number	Chemical Name	Health endpoint(s)	Toxic or very Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
	Methanesulfonamide, N-[2-[(2,6-dicyano-4-			, i		
	methylphenyl) azo]-5-			Maine (Canada PBiT); WA		
72968-82-2	(dipropylamino)phenyl]-		Х	Appen1	Pigment, dye and printing ink	
	Methanesulfonamide, N-[2-[(2-bromo-6-					
	cyano-4- methylphenyl)azo]-5-			Maine (Canada PBiT); WA		
83249-53-0	(diethylamino)phenyl]-		Х	Appen1		
	Methanesulfonamide, N-[2-[(2-bromo-6-			Maine (Canada DDiT), MA		
83249-54-1	cyano-4- methylphenyl)azo]-5- (dipropylamino)phenyl]-		V	Maine (Canada PBiT); WA		
83243-34-1	(dipropylanino)phenyij-		X	Appen1		
74-93-1	Methanethiol (Methyl mercaptan)	Body weight, Blood, Spleen		OECD - SIDS/SIAR	Gas odorant, chemical manufacturing	x
7 1 33 1	Wetherlean (Wethyr Mercaptan)	body Weight, Blood, Spicen		SEED 3123/31/11	dus ducturit, cricimical manaractaring	^
20354-26-1	Methazole	Development		Maine (CA Prop 65); WA Appen1	Pesticide (EPA reg. cancelled)	
					Cyanide free silver plating,	
60-56-0	Methimazole	Development		Maine (CA Prop 65); WA Appen1		
16752-77-5	Methomyl	Kidney, Spleen		IRIS; WA Appen1	Pesticide	
59-05-2	Methotrexate	Development		Maine (CA Prop 65); WA Appen1	pharmaceutical, insect sterilant	
				Maine (EU Endocrine Disruptor; EPA Final PBT Rule for TRI; TRI PBT Chemical List; NWM Priority Chemicals; OSPAR Chemicals of Concern; OSPAR Chemicals for		
72-43-5	Methoxychlor	Endocrine system	Х	Priority Action); WA Appen1	Pesticide (EPA reg. cancelled)	
	Methoxyethyl acrylate tributyltin,			Maine (EU Endocrine Disruptor);		
N/A	copolymer	Endocrine system		WA Appen2		
		Eyes, Respiratory system,			Production of acrylic and modacrylic	
96-33-3	Methyl acrylate	Skin			fibers	X
74.02.0	Mark the second of second	Development, Nervous		Maine (CA Prop 65); WA		
74-83-9	Methyl bromide, as a structural fumigant	system, Respiratory		Appen1; Minnesota HRV	Refrigerant, fire extinguisher, fumigant	X
74-83-9	Methyl bromide, in water	Gastrointestinal system		WA Appen1; Minnesota HRL	Contaminant Pharmaceutical intermediate,	X
					intermediate in mfg of dimethylol	
598-55-0	Methyl carbamate	Cancer		Maine (CA Prop 65); WA Appen1	methyl carbamate resins	
330 33 0	iviciny carbamate	Currect		Walle (crt rop 65), Wrt Appeni	metry carbamate resins	
					Pharmaceutical, foaming agent in	
74-87-3	Methyl chloride	Development		Maine (CA Prop 65); WA Appen1	plastics industry, catalyst, chemical mfg	x
		Body Weight, Eyes,			Polymerization initiator, paints mfg,	
1338-23-4	Methyl ethyl ketone peroxide	Mortality, Skin		OECD - SIDS/SIAR	plastics, rubber	х
74-88-4	Methyl iodide	Cancer		Maine (CA Prop 65); WA Appen1	Ethylating agent, microscopy, etching	
		Eyes, Reproduction,			Organic chemical synthesis, carbamate	
624-83-9	Methyl isocyanate	Respiratory		ATSDR; HSDB; WA Appen1	pesticides mfg	Х



			Persistent, Bioaccumulative,			
			Toxic or very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
CAS Number	Chemical Name	nealth enupoint(s)	Bioaccumulative	Maine (CA Prop 65; WA PBT list);	,	years
		Development, Nervous		WA Appen1; Oregon P3 List;		
22967-92-6	Methyl mercury	system	x	Minnesota HRV	In fish, seed treatment	
					Monomer for polymethacrylate resins,	
80-62-6	Methyl methacrylate MMA	Respiratory system		WA Appen1; Minnesota HRV	comonomer for copolymers	x
				Maine (CA Prop 65; IARC; NTP		
66-27-3	Methyl methanesulfonate	Cancer		11th ROC); WA Appen1	Research, catalyst	
					Solvent used in paints, lacquers,	
591-78-6	Methyl n-butyl ketone	Development		CA Prop 65; WA Appen1	thinners	
298-00-0	Methyl parathion	Blood		IRIS; WA Appen1	Pesticide	
				Maine (EU Endocrine Disruptor);		
99-76-3	Methyl p-Hydroxybenzoate	Endocrine system		WA Appen1; WA CHCC	Antibacterial, antimicrobial	
				Maine (EU Endocrine Disruptor);		
1634-04-4	Methyl tertiary butyl ether (MTBE)	Endocrine system		WA Appen1		X
					In preparation of homopolymers and	
126-98-7	Methylacrylonitrile	Liver		HSDB; IRIS; WA Appen1	copolymers, vinyl nitrile monomer	
590-96-5	Methylazoxymethanol	Cancer		Maine (CA Prop 65); WA Appen1	Biological methylating agent	
592-62-1	Methylazoxymethanol acetate	Cancer		Maine (CA Prop 65); WA Appen1	Research	
				Maine (CA Prop 65; IRIS; NTP		
				11th ROC); WA Appen1; WA		
		Cancer, Liver, Nervous		CHCC; Minnesota HRL-EPA-MCL;		
75-09-2	Methylene Chloride (Dichloromethane)	system		Minnesota HRV	Solvent, chemical intermediate	X
					Source of fordiphenylmethane-4-4'-	
	Methylene Diphenyl Diisocyanate and				diisocyanate, used for particle board	
9016-87-9	Polymeric MDI	Respiratory system		Minnesota HRV	binders	
101-68-8	Methylenebis (4-Phenylisocyanate)	Respiratory system		WA Appen1; Minnesota HRV	Coatings, resins, spandex, gums	X
02.45.2	B 4 a blood a common al	C		Maine (CA Prop 65; NTP 11th	Flavoring, insect attractant,	
93-15-2	Methyleugenol	Cancer		ROC); WA Appen1	pharmaceutical	
	Mathylhydrasina and its salts					
NI /A	Methylhydrazina and its salts,	Cancar		Maine (CA Prop CE), MA Appen 2		
N/A	methylhydrazine, methylhydrazine sulfate	Cancer		Maine (CA Prop 65); WA Appen2		
	Mothylium [4 (dimothylamino)nhonyl]					
	Methylium, [4-(dimethylamino)phenyl] bis[4-(ethylamino)-3-methylphenyl]-,			Maine (Canada PBiT); WA		
72102-55-7	acetate		v	, , , , , , , , , , , , , , , , , , , ,	dva	
/2102-33-/	Jacciale		X	Appen1	dye	
	 Methylium, [4-(dimethylamino)phenyl]					
	bis[4-(ethylamino)-3-methylphenyl]-,			Maine (Canada PBiT); WA		
72102-56-8	chloride		x	Appen1	Chemical intermediate	
, 2102 30 0	omoriac		^	I, bbcii.	S. C. Micar Intermediate	



			Persistent, Bioaccumulative,			
			Toxic or very			11DV (2005
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
	Methylium, bis(4-amino-3,5-	ricattii eliapoliit(3)	Dioaccumulative	Source(3)	OSC CAUTIFIC(S) OF Class	years
	dimethylphenyl) (2,6-dichlorophenyl)-,			Maine (Canada PBiT); WA		
	phosphate (1:1)		x	Appen1		
	Methylium, bis[4-(dimethylamino)phenyl]			Maine (Canada PBiT); WA		
72102-64-8	[4-(ethylamino)-3-methylphenyl]-, chloride		х	Appen1	Chemical intermediate	
	methylium, tris[4-(dimethylamino)phenyl]-,					
	salt with 3-[[4-					
	(phenylamino)phenyl]azo]benzenesulfonic			Maine (OSPAR Chemicals of		
65294-17-9	acid (1:1)		Х	Concern); WA Appen1	Ink	
832-69-9	Methylphenanthrene, 1-		Х	Oregon P3 List	Combustion by-product	
2381-21-7	Methylpyrene, 1-		Х	Oregon P3 List	Combustion by-product	
				Maine (CA Prop 65; EU		
		Cancer, Development,		Endocrine Disruptor); WA		
9006-42-2	Metiram	Endocrine system		Appen1	Pesticide	
51218-45-2	Metolachlor	Development		WA Appen1; Minnesota HBV	Pesticide	
				Maine (EU Endocrine Disruptor);		
21087-64-9	Metribuzin	Kidney, Liver		WA Appen1	Pesticide	
				Maine (CA Prop 65; NTP 11th	Pesticide (EPA reg. cancelled),	
443-48-1	Metronidazole	Cancer		ROC); WA Appen1	pharmaceutical	
				Maine (CA Prop 65; NTP 11th	Synthesis of auramine derivatives,	
90-94-8	Michler's ketone	Cancer			pigment mfg	
				Maine (IARC; NTP 11th ROC); WA		
N/A	Mineral oils (untreated and mildly treated)	Cancer		Appen2		
				Maine (CA Prop 65; NTP 11th		
				ROC; EU Endocrine Disruptor;		
				EPA Priority PBT; WA PBT List;		
					Pesticide (not EPA registered), fire	
	Mirex	Cancer, Endocrine system	Х	WA Appen1; Oregon P3 List	retardant	
	Mixture of 2,3,4,5-tetrachlorobiphenyl (PCB					
	61), 2,2',4,5,5'-octachlorobiphenyl (PCB					
	101) and 2,2',3,3',4,4',5,5'-			Maine (EU Endocrine Disruptor);		
N/A	octachlorobiphenyl (PCB 194)	Endocrine system		WA Appen2		
00.00.1	no Nitroda I na na	Dark Main Lauri		EDA LIC	Manufacture of dyes, toluidines,	
	m-Nitrotoluene	Body Weight, Kidney, Liver			explosives	X
2212-67-1	Molinate	Reproduction		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
7420 00 7	Malubdanum	Dlood (uric soid)		IDIS: MA Append: MA CHOS	Allow agent in steel, cost increased but	v (2006)
7439-98-7	Molybdenum	Blood (uric acid)		IRIS; WA Appen1; WA CHCC	Alloy agent in steel, cast iron; catalyst	x (2006)
				Maine (EU Endocrine Disruptor);		
4276 20 0	Mono 2 othyl hoyylphthalata (MEHD)	Endocrina system		1	Plasticizer	
4376-20-9	Mono 2 ethyl hexylphthalate (MEHP)	Endocrine system		WA Appen1; WA CHCC	ן ומטנונובכו	



CAS Number	Chemical Name	Health endpoint(s)	Persistent, Bioaccumulative, Toxic or very Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
					Intermediate in organotin compounds	
1118-46-3	Monobutyltin trichloride	Eyes, Skin		OECD - SIDS/SIAR	production	Х
315-22-0	Monocrotaline	Cancer		Maine (CA Prop 65); WA Appen1	Dye, pharmaceutical	
131-70-4	Mono-n-butylphthalate (MPB) (MBuP)	Endocrine system		Maine (EU Endocrine Disruptor); WA Appen1	Plasticizer	
81412-43-3	morpholine, 2,6-dimethyl-4-(C10-13)-alkyl-		Х	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (not EPA registered)	
108-45-2	m-Phenylenediamine	Liver		IRIS; WA Appen1	Dyes, rubber curing agents, textile fibers, hair dyes	V
15323-35-0	Musk indane	Livei	v	Oregon P3 List	·	X
			X		Fragrance	
81-14-1	Musk ketone		X	WA Appen1; Oregon P3 List	Fragrances	
				Maine (CA Prop 65; IARC; NTP	Vesicant in chemical, warfare, organic	
505-60-2	Mustard Gas	Cancer		11th ROC); WA Appen1	synthesis, poison gas	
77439-76-0	MX (3-chloro-4-dichloromethyl-5-hydroxy-2(5H)-furanone)	Cancer		Maine (CA Prop 65); WA Appen1		
		Development,		Maine (CA Prop 65);WA Appen1;		
88671-89-0	Myclobutanil	Reproduction	Х	Oregon P3 List	Pesticide	
613-35-4	N,N'-Diacetylbenzidine	Cancer		Maine (CA Prop 65); WA Appen1	Research	
	N,N-dicyclohexyl-2-	Adrenal glands, Kidney,				
4979-32-2	benzotazothiazolesulfenamide (DCBS)	Spleen		OECD - SIDS/SIAR	Rubber accelerator	х
68-12-2	N,N-dimethylformamide	Liver		OECD - SIDS/SIAR; WA Appen1; Minnesota HRV	Solvents, chemical intermediates, paints	Х
00 12 2	Type difficulty from diffice			Triminesota riitt	Mfg dyes, rubber antioxidants and	Α
122-39-4	N,N-Diphenylamine	Kidney, Liver		IRIS; WA Appen1	stabilizers	х
531-82-8	N-[4-(5-Nitro-2-furyl)-2-thiazolyl]acetamide	Cancer		Maine (CA Prop 65); WA Appen1		
142-59-6	Nabam	Development		Maine (CA Prop 65); WA Appen1	Pesticide	
3771-19-5	Nafenopin	Cancer		Maine (CA Prop 65); WA Appen1	Research, pharmaceutical	
300-76-5	Naled	Nervous system		IRIS; WA Appen1	Pesticide, disinfectant	
	Naphth[2,3-c]acridine-10-carboxamide, N-[5-(benzoylamino)-9,10- dihydro-9,10-dioxo-				•	
	1-anthracenyl]-5,8,13,14-tetrahydro -5,8,14-			Maine (Canada PBiT); WA		
6417-38-5	trioxo-		х	Appen1	Dye	
	Naphth[2,3-c]acridine-5,8,14(13H)-trione,			Maine (Canada PBiT); WA		
6373-31-5	6,10,12-trichloro-		Х	Appen1		
120002 22 0	Nanhtha (ail ang I) hudustu			Maine (Canada PBiT); WA		
128683-33-0	Naphtha (oil sand), hydrotreated		X	Appen1		
64742 25 1				Maine (Canada PBiT); WA		
64742-66-1	Naphtha (petroleum), catalytic dewaxed		Х	Appen1		
	Naphtha (petroleum), chemically			Maine (Canada PBiT); WA		
64742-22-9	neutralized heavy		X	Appen1		Х



			Persistent, Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
				Maine (Canada PBiT); WA		
68513-02-0	Naphtha (petroleum), full-range coker		x	Appen1		x
	Naphtha (petroleum), full-range straight-			Maine (Canada PBiT); WA		
64741-42-0	run		x	Appen1		x
				Maine (Canada PBiT); WA		
64741-78-2	Naphtha (petroleum), heavy hydrocracked		x	Appen1		x
	Naphtha (petroleum), heavy thermal			Maine (Canada PBiT); WA		
64741-83-9	cracked		х	Appen1		X
	Naphtha (petroleum), hydrodesulfurized			Maine (Canada PBiT); WA		
92045-52-8	full-range		х	Appen1		
	Naphtha (petroleum), hydrodesulfurized			Maine (Canada PBiT); WA		
64742-82-1	heavy		х	Appen1		X
				Maine (Canada PBiT); WA		
64742-48-9	Naphtha (petroleum), hydrotreated heavy		х	Appen1		Х
				Maine (Canada PBiT); WA		
64741-87-3	Naphtha (petroleum), sweetened		х	Appen1		X
				Maine (Canada PBiT); WA		
68783-12-0	Naphtha (petroleum), unsweetened		х	Appen1		Х
				Maine (OSPAR Chemicals of	In coal tar and anthracene	
92-24-0	Naphthacene		х	Concern); WA Appen1	contaminants; organic synthesis	
				Maine (CA Prop 65; NTP 11th		
				ROC; NWM Priority Chemicals);		
				WA Appen1; Minnesota HRL;	Moth repellant, chemical mfg, wood	
91-20-3	Naphthalene	Cancer, Respiratory system	х	Minnesota HRV	preservation, pharmaceutical	X
				Maine (OSPAR Chemicals of	Substitute for PCBs, chemical	
38640-62-9	naphthalene, bis(1-methylethyl)-		х	Concern); WA Appen1	intermediate	
				Maine (OSPAR Chemical of		
				Concern; Canada PBiT); WA		
70776-03-3	naphthalene, chloro derivs.		Х	Appen1	PCN	
	Naphthalenesulfonic acid, reaction					
	products with formaldehyde and					
	hydroxybenzenesulfonic acid, ammonium			Maine (Canada PBiT); WA		
93384-84-0	salts		X	Appen1		
15299-99-7	Napropamide	Reproduction		IRIS; WA Appen1	Pesticide	
				Maine (Canada PBiT); WA		
64741-47-5	Natural gas condensates (petroleum)		Х	Appen1		X
				Maine (Canada PBiT); WA		
129893-21-6	Natural gas condensates, C4-12 distillate		Х	Appen1		
				Maine (Canada PBiT); WA		
129893-22-7	Natural gas condensates, C5-12 distillate		Х	Appen1		
2426-08-6	n-Butyl glycidyl ether	Respiratory, Skin		HSDB		X
				Maine (EU Endocrine Disruptor);	Pesticide (EPA reg. cancelled),	
94-26-8	n-Butyl p-Hydroxybenzoate	Endocrine system		WA Appen1; WA CHCC	preservative	



CAS Number	Chemical Name	Health endpoint(s)	Persistent, Bioaccumulative, Toxic or very Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
						yoursy
60391-92-6	N-Carboxymethyl-N-nitrosourea	Cancer		Maine (CA Prop 65); WA Appen1	Reaction of glycocyamine	
51000-52-3	neodecanoic acid, ethenyl ester		х	Maine (OSPAR Chemicals of Concern; OSPAR Chemicals for Priority Action); WA Appen1	Polymerization Solvent for extraction of oils,	х
				WA Appen1; Minnesota HRL;	thermometers, cleaning agent, abused	
110-54-3	n-hexane	Nervous system		Minnesota HRV	chemical	Х
12054-48-7	Nickel (II) hydroxide	Cancer		Maine (CA Prop 65); WA Appen1	Nickel salts mfg, Ni-Cd batteries	
12125-56-3	Nickel (III) hydroxide	Cancer		Maine (CA Prop 65); WA Appen1	Nickel salt	
12123-30-3	Nickei (III) Hydroxide	Caricer		Maine (CA Prop 65; NTP 11th	INICKEI Sait	
7440-02-0	Nickel (Metallic)	Cancer		ROC); WA Appen1	Jewelry (several other uses)	x (2006)
7 1 10 02 0	l monor (monor)					A (2000)
373-02-4	Nickel acetate	Cancer		Maine (CA Prop 65); WA Appen1	Mordant in the textile industry	
					·	
3333-67-3	Nickel carbonate	Cancer		Maine (CA Prop 65); WA Appen1	Electrical components, water treatment	
				Maine (CA Prop 65; IRIS); WA	Chemical intermediate, catalyst, glass	
13463-39-3	Nickel carbonyl	Cancer, Development		Appen1	plating	
12035-36-8	Nickel dioxide	Cancer		Maine (EU Carcinogen)		
				Maine (CA Prop 65; EU		(
1313-99-1	Nickel oxide	Cancer		2 / 11	Colorant, fuel cell electrodes	x (2006)
N/A	Nickel refinery dust	Cancer		WA Appen2; Minnesota HRV		
				Maine (CA Prop 65; EU		
12035-72-2	Nickel subsulfide	Cancor		Carcinogen; IRIS); WA Appen1; Minnesota HRV	Lithium batteries, smelting	v (2006)
16812-54-7	Nickel sulphide	Cancer Cancer		Maine (EU Carcinogen)	Nickel ore	x (2006)
10812-34-7	Nickel Sulpilide	Caricer		Maine (Lo Carcinogen)	INICKEI OFE	
	Nickel, bis[1-[4-(dimethylamino)phenyl] -2-			Maine (Canada PBiT); WA		
38465-55-3	phenyl-1,2-ethenedithiolato(2-)-S,S']-		x	Appen1		
	Nickel, bis[2,3-bis(hydroxyimino) -N-(2-			Maine (Canada PBiT); WA		
42739-61-7	methoxyphenyl)butanamidato]-		x	Appen1	Colorant	
1271-28-9	Nickelocene	Cancer		Maine (CA Prop 65); WA Appen1	Catalyst and completing agent	
1929-82-4	Nitrapyrin	Cancer, Development		Maine (CA Prop 65); WA Appen1		
14797-55-8	Nitrate (as nitrogen)	Blood, Development		WA Appen1; Minnesota HRL	Biological oxidations	
7697-37-2	Nitric acid	Respiratory system		Minnesota HRV	Fertilizer, cleaning	Х
120 12 0	Nitvilatvia catic a sid	Cancar		Maine (CA Prop 65; NTP 11th	Chelating and sequestering agent,	
139-13-9	Nitrilotriacetic acid Nitrilotriacetic acid, trisodium salt	Cancer		ROC); WA Appen1	detergents,	
18662-53-8		Cancer		Maine (CA Prop 65); WA Appen1	Detergent	
10002-33-0	monohydrate	Cancer		Imaine (CA Prop 03), WA Appent	Detergent	



			Persistent, Bioaccumulative,			
			Toxic or very Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
					Water contaminant from bacterial	
					action on nitrates (from fertilizer or	
14797-65-0	Nitrite(1)-	Blood, Development		IRIS; WA Appen1	wastes), foods	
				Maine (CA Prop 65; NTP 11th	Soaps, shoe polishes, chemical mfg,	
98-95-3	Nitrobenzene	Cancer, Reproduction		ROC); WA Appen1	preservative, extraction solvent	Х
				Maine (CA Prop 65; NTP 11th		
				ROC; EU Endocrine Disruptor; EU		
1026 75 5	Nitrafan	Canacan Frade anima avertana		PBT List; OSPAR Chemicals of	Dootiside (FDA von conselled)	
1836-75-5	Nitrofen	Cancer, Endocrine system	X	Concern); WA Appen1	Pesticide (EPA reg. cancelled)	
59-87-0	Nitrofurazone	Cancer		Maine (CA Prop 65); WA Appen1	Food additive, pharmaceutical	
10102-44-0	Nitrogen Dioxide	Respiratory system		WA Appen1; Minnesota HRV	Bleach, catalyst	
				Maine (CA Prop 65; IARC); WA		
51-75-2	Nitrogen mustard (Mechlorethamine)	Cancer, Development		Appen1	Warfare agent, research	
	Nitrogen mustard hydrochloride			Maine (CA Prop 65; NTP 11th	Pharmaceutical, sterilant mfg, cross	
55-86-7	(Mechlorethamine hydrochloride)	Cancer, Development		ROC); WA Appen1	linking agent	
					Explosive, rocket propellant,	
55-63-0	Nitroglycerin	Blood		HSDB	pharmaceutical	Х
	l				Pharmaceutical, detection of leaks in	(2222)
10024-97-2	Nitrous oxide	Development		Maine (CA Prop 65)	pipes	x (2006)
122 20 7	N. Mathylformamida	Davidanment Liver		HCDD	Intermediate in synthesis of pesticides,	V
123-39-7	N-Methylformamide	Development, Liver		Maine (CA Prop 65; IARC; NTP	methyl isocyanate mfg	X
70-25-7	N-Methyl-N'-nitro-N-nitrosoguanidine	Cancer		11th ROC); WA Appen1	Research	
70-23-7	N-Wethyr-W-mino-N-minosoguamume	Caricei		Titir Noc), WA Appeni	Nesearch	
924-42-5	N-Methylolacrylamide	Cancer		Maine (CA Prop 65); WA Appen1	Adhesives, surface coatings, binders	x
				Maine (CA Prop 65); WA	solvent for resins, acetylene, pigment	
872-50-4	N-Methylpyrrolidone	Development		Appen1; WA CHCC	dispersant, others	x
121-69-7	N-N-Dimethylaniline	Blood, Spleen		IRIS; WA Appen1	Manufacture of dyes, vanillin	
				Maine (CA Prop 65; IRIS; NTP		
1116-54-7	N-Nitrosodiethanolamine	Cancer		11th ROC); WA Appen1	Research	
				Maine (CA Prop 65; IARC; IRIS;		
55-18-5	N-Nitrosodiethylamine	Cancer		NTP 11th ROC); WA Appen1	Lubricant, antioxidant, plastics stabilizer	
				Maine (CA Prop 65, IABC, IBIS,		
62-75-9	N-Nitrosodimethylamine	Cancer		Maine (CA Prop 65; IARC; IRIS; NTP 11th ROC); WA Appen1	Industrial solvent, antioxidant	
02-73-3	14 (4)(1030uiiiietiiyiaiiiiie	Cancer		Maine (CA Prop 65; IRIS; NTP	inidustriai sorveitt, artitoxidalit	
924-16-3	N-Nitrosodi-n-butylamine	Cancer		11th ROC); WA Appen1	Research	
32. 100				Maine (CA Prop 65; IRIS; NTP		
621-64-7	N-Nitrosodi-n-propylamine	Cancer		11th ROC); WA Appen1	Research	
				Maine (CA Prop 65; IRIS); WA		
				Appen1; WA CHCC; Minnesota	Radical scavenger, anti-scorching agent,	
86-30-6	N-Nitrosodiphenylamine	Cancer		HRL	rubber accelerator	



			Persistent, Bioaccumulative,			
			Toxic or very Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
				Maine (CA Prop 65; IRIS); WA		
10595-95-6	N-Nitrosomethylethylamine	Cancer		Appen1	Research	
4540.40.0	NI Nitara a constato de circo de costa a	C		Maine (CA Prop 65; NTP 11th	Danasah	
4549-40-0	N-Nitrosomethylvinylamine	Cancer		ROC); WA Appen1 Maine (CA Prop 65; NTP 11th	Research	
59-89-2	N-Nitrosomorpholine	Cancer		ROC); WA Appen1	Solvent, chemical synthesis	
39-89-2	IN-NICLOSOFIIOI PROTINE	Cancel		Maine (CA Prop 65; IARC; NTP	Ethylating agent, plant mutagen for	
759-73-9	N-Nitroso-N-ethylurea	Cancer		11th ROC); WA Appen1	study	
7.55 7.5 5	The food in early area	Carroer		Maine (CA Prop 65; IARC; NTP		
684-93-5	N-Nitroso-N-methylurea	Cancer		11th ROC); WA Appen1	Lab, pharmaceutical, mutagen	
	·			, , , ,	71 7 8	
615-53-2	N-Nitroso-N-methylurethane	Cancer		Maine (CA Prop 65); WA Appen1	Research	
				Maine (CA Prop 65; IARC; NTP		
16543-55-8	N-Nitrosonornicotine	Cancer		11th ROC); WA Appen1	Research	
				Maine (CA Prop 65; NTP 11th		
100-75-4	N-Nitrosopiperidine	Cancer		ROC); WA Appen1	Research	
				Maine (CA Prop 65; IRIS; NTP		
930-55-2	N-Nitrosopyrrolidine	Cancer		11th ROC); WA Appen1	Research, tobacco smoke	
				Maine (CA Prop 65; NTP 11th		
13256-22-9	N-Nitrososarcosine	Cancer		ROC); WA Appen1	Research	
				Maine (OSPAR Chemicals of		
27753-52-2	nonabromobiphenyl		X	Concern); WA Appen1	Flame retardant	
				Maine (OSPAR Chemicals of	Curfoctant nosticida (FDA ros	
0016 45 0	Nonylphonolothovylato	Endocrino system		Concern; EU Endocrine Disruptor); WA Appen1	Surfactant, pesticide (EPA reg.	
9016-45-9 27314-13-2	Nonylphenolethoxylate Norflurazon	Endocrine system Liver, Thyroid			cancelled) Pesticide	
2/314-13-2	Normalazon	Liver, myroid		IRIS; WA Appen1	resticide	
				Maine (EU Endocrine Disruptor);	Pesticide (FPA reg. cancelled)	
94-13-3	n-propyl p-hydroxybenzoate	Endocrine system		WA Appen1; WA CHCC	antimicrobial, preservative	
	P - P / P / P - P - P - P - P - P - P -			1111	7,1	
95-31-8	N-tert-butylbenzothiazole-2-sulphenamide	Blood, Kidney, Liver		OECD - SIDS/SIAR	Accelerator for vulcanization of rubber	х
	o,p'-DDA-glycinat = N-[(2-chlorophenyl)(4-			Maine (EU Endocrine Disruptor);		
65148-83-6	chlorophenyl)acettyl]glycin	Endocrine system		WA Appen1		
				Maine (EU Endocrine Disruptor);		
14835-94-0	o,p'-DDMU	Endocrine system		WA Appen1	Pesticide breakdown product	
93-68-5	o-Acetoacetotoluidide	Blood, Spleen		OECD - SIDS/SIAR	Chemical intermediate for pigments	Х
07.56.3	A Amin a grantal verse (C.). Cell vers (Veller C.)	Connect		Maine (CA Prop 65; NTP 11th	Duna nhammas-util	
97-56-3	o-Aminoazotoluene (C.I. Solvent Yellow 3)	Cancer		ROC); WA Appen1	Dyes, pharmaceutical	
00.04.0	a Anicidina	Cancor		Maine (CA Prop CE) MA Assess	Intermediate in dye mfg,	
90-04-0	o-Anisidine	Cancer		Maine (CA Prop 65); WA Appen1 Maine (CA Prop 65; NTP 11th	pharmaceuticals, fragrances, Chemical intermediate for dyes and	
134-29-2	o-Anisidine hydrochloride	Cancer		ROC); WA Appen1	pharmaceuticals	
95-49-8	o-Chlorotoluene	Body Weight		IRIS; WA Appen1	Solvent, pesticide component	
JJ T J-0	o emorotolache	Dody Weight		IIII J, WA Appelix	Joivent, pesticide component	



			Persistent, Bioaccumulative,			
			Toxic or very			1101//2005 1.2 6.4
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
CAS INUITIBET	Chemical Name	Treattir enapoint(3)	Dioaccumulative	Maine (CA Prop 65; NTP 11th	Research, natural metabolite of molds -	years
303-47-9	Ochratoxin A	Cancer		ROC); WA Appen1	toxic	
				Maine (OSPAR Chemicals of		
27858-07-7	octabromobiphenyl		x	Concern); WA Appen1	Flame retardant	
				Maine (WA PBT List; EU PBT List;		
	Octabromodiphenyl ether [Polybrominated			OSPAR Chemicals of Concern);		
32536-52-0	diphenyl ethers]		х	WA Appen1	Flame retardant	
				Maine (OSPAR Chemicals of		
2234-13-1	octachloronaphthalene		Х	Concern); WA Appen1	Fireproofing, waterproofing	
				Maine (EPA Final PBT Rule for		
				TRI; TRI PBT Chemical List; EPA		
20002 74 4	O eta ele la va ete va a			Priority PBT); WA Appen1;	Decreased that a suitable to	
29082-74-4	Octachlorostyrene		X	Oregon P3 List	By-product for agriculture	
528-29-0	o-Dinitrobenzene	Reproduction		Maine (CA Prop 65); WA Appen1	Synthesis of dyestuffs, explosives	
2646-17-5	Oil Orange SS	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
				Maine (EU Endocrine Disruptor);		
1113-02-6	Omethoate	Endocrine system		WA Appen1	Pesticide (not EPA registered)	
				Maine (CA Prop 65; NTP 11th	Organic chemical synthesis, chemical	
91-23-6	o-Nitroanisole	Cancer		ROC); WA Appen1	intermediate	
00.72.2	APPROVED TO A STATE OF THE STAT			A4.: (CA D C5) M/A A	Synthesis of azo dyes, petrochemicals,	
88-72-2	o-Nitrotoluene o-Phenylenediamine and its salts, o-	Cancer		Maine (CA Prop 65); WA Appen1		X
	Phenylenediamine, o-Phenylenediamine				Mfg dyes, photographic developing agent, organic chemical synthesis, hair	
95-54-5	dichydrochloride	Cancer		Maine (CA Prop 65); WA Appen1		x
93 34 3	dictiyarocinonac	Caricer		Walle (CATTOP 05), WA Appell	luyc	^
132-27-4	o-Phenylphenate, sodium	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
	, , , ,					
90-43-7	o-Phenylphenol	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide, rubber industry, plasticizer	
19044-88-3	Oryzalin	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
				Maine (CA Prop 65; IARC; NTP		
				11th ROC); WA Appen1; WA	Printing textiles, intermediate in dye	
95-53-4	o-Toluidine	Cancer		CHCC	mfg, colors	Х
525 24 5	*			Maine (CA Prop 65; NTP 11th	Later and Balance de	
636-21-5	o-Toluidine hydrochloride	Cancer		ROC); WA Appen1	Intermediate in dyes mfg	
19666-30-9	Oxadiazon	Cancer, Development		Maine (CA Prop 65); WA Appen1	Pesticide	
23135-22-0	Oxamyl	Body weight		IRIS; WA Appen1	Pesticide	
	oxirane, 2-(3,5-dichlorophenyl)-2-(2,2,2-	, , ,		Maine (OSPAR Chemicals of		
58138-08-2	trichloroethyl)-		x	Concern); WA Appen1	Pesticide (EPA reg. cancelled)	



CAS Number	Chemical Name	Health endpoint(s)	Persistent, Bioaccumulative, Toxic or very Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
	Oxirane, 2,2',2",2"'-[1,2-					
	ethanediylidenetetrakis(4,1-			Maine (Canada PBiT); WA		
7328-97-4	phenyleneoxymethylene)]tetrakis -		X	Appen1	Epoxy resins	Х
27304-13-8	Oxychlordane, single isomer		Х	Oregon P3 List; WA Appen1	Pesticide	
301-12-2	Oxydemeton methyl	Reproduction		Maine (CA Prop 65); WA Appen1		
42874-03-3	Oxyfluorfen		X	WA Appen1; Oregon P3 List	Pesticide	
2439-01-2	Oxythioquinox (Chinomethionat)	Cancer, Development		Maine (CA Prop 65); WA Appen1	Pesticide (EPA reg. cancelled)	
		Body Weight, Development, Liver,				
622-96-8	p - ethyltoluene	Mortality, Reproduction		EPA - HC		Х
				Maine (EU Endocrine Disruptor);		
1022-22-6	p,p'-DDMU	Endocrine system		WA Appen1		
F216 2F 1	n a a a Tatrachlaratalyana	Cancar		Maine (CA Prop 65), WA Append	Chemical intermediate for dyes, organic	
5216-25-1	p-a,a,a-Tetrachlorotoluene	Cancer Development,		Maine (CA Prop 65); WA Appen1	Chemicais	
33069-62-4	Paclitaxel	Reproduction		Maine (CA Prop 65); WA Appen1	Research, pharmaceutical	
76738-62-0	Paclobutrazol	Liver		IRIS; WA Appen1	Pesticide	
	Palygorskite fibers (> 5mm in length)					
12174-11-7	(Attapulgite)	Cancer		Maine (CA Prop 65); WA Appen1	Fertilizer production, suspending aid	
60-09-3	p-Aminoazobenzene (Aniline Yellow)	Cancer		Maine (CA Prop 65); WA Appen1	Dve	
00 03 3	p runniedzoscinzene (runnie renew)	Carreer		Maine (Canada PBiT); WA		
85422-92-0	Paraffin oils, chloro		X	Appen1		
				Maine (OSPAR Chemicals of		
	paraffin waxes and hydrocarbon waxes,			Concern; Canada PBiT); WA		
63449-39-8	chlorinated		Х	Appen1	Flame retardant	Х
				/6 55:71		
68938-42-1	Paraffin waxes and Hydrocarbon waxes, chloro, reaction products with naphthalene		V	Maine (Canada PBiT); WA	Paraffin wax	
06936-42-1	PBBs = Brominated Flame retardants = PBB		X	Appen1	Parailli wax	
N/A	(mixed group of 209 Congeners)	Endocrine system		Maine (EU Endocrine Disruptor)		
	PBDE-047 [2,2',4,4'-Tetrabromodiphenyl				Flame retardants added to plastic	
5436-43-1	ether]		x	Oregon P3 List; WA Appen1	products	
	PBDE-099 [2,2',4,4',5-Pentabromodiphenyl					
60348-60-9	ether]		Х	WA Appen1; Oregon P3 List	Flame retardant	
189084-64-8	PBDE-100 [2,2',4,4',6-Pentabromodiphenyl ether]		х	Oregon P3 List	Flame retardant	
	PBDE-153 [2,2',4,4',5,5'-hexabromodiphenyl					
68631-49-2	ether]		Х	WA Appen1; Oregon P3 List	Flame retardant	
56558-16-8	PCB 104 (2,2',4,6,6'-Pentachlorobiphenyl)	Endocrine system		Maine (EU Endocrine Disruptor)		
76842-07-4	PCB 122 (2,3,3',4,5 -Pentachlorobiphenyl)	Endocrine system		Maine (EU Endocrine Disruptor)		



			Persistent, Bioaccumulative,			
			Toxic or very			HDV /2006 and 2 of 4
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
CAS ITAMISEI	Chemical Hame	ricariii chaponii(3)	Dioaccamalative	Maine (EU Endocrine Disruptor);	Ose example(s) of class	yearsy
38380-07-3	PCB 128 (2,2',3,3',4,4'-Hexachlorobiphenyl)	Endocrine system		WA Appen1		
				Maine (EU Endocrine Disruptor);		
35065-27-1	PCB 153 (2,2',4,4',5,5'-Hexachlorobiphenyl)	Endocrine system		WA Appen1; Oregon P3 List	РСВ	
27600 65 2	DCD 40 /2 21 5 Tri-bland birth and)	Fordersine and an		Maine (EU Endocrine Disruptor);		
37680-65-2	PCB 18 (2,2',5-Trichlorobiphenyl)	Endocrine system		WA Appen1 Maine (EU Endocrine Disruptor);		
55702-46-0	PCB 21 (2,3,4-Trichlorobiphenyl)	Endocrine system		WA Appen1	PCB	
33702 10 0	T GB ZI (2,3,1 THEMOTOSIPHEMY)	Endocrine System		TTTT TTTT		
				Maine (EU Endocrine Disruptor);		
35693-99-3	PCB 52 (2,2';5,5'-Tetrachlorobiphenyl)	Endocrine system	x	WA Appen1; Oregon P3 List	РСВ	
				Maine (EU Endocrine Disruptor);		
53469-21-9	PCB Aroclor 1242	Endocrine system		WA Appen1	PCB	
				Maine (EU Endocrine Disruptor);		
12672-29-6	PCB Aroclor 1248	Endocrine system		WA Appen1	PCB	
11097-69-1	PCB Aroclor 1254	Endocrine system		Maine (EU Endocrine Disruptor); WA Appen1	PCB	
11097-09-1	PCB AIOCIOI 1234	Endocrine system		Maine (EU Endocrine Disruptor);	ГСВ	
11096-82-5	PCB Aroclor 1260 (Clophen A60)	Endocrine system		WA Appen1	PCB	
70362-50-4	PCB-081 (3,4,4',5-tetrachlorobiphenyl)	,	х	Oregon P3 List	Enclosed electrical systems	
37680-73-2	PCB-101 [2,2',4,5,5'-pentachlorobiphenyl]		Х	Oregon P3 List	PCB	
				Maine (EU Endocrine Disruptor);		
35065-28-2	PCB-138 [2,2',3,4,4',5'-hexachlorobiphenyl]	Endocrine system	X	Oregon P3 List	Enclosed electrical systems	
35065-29-3	PCB-180 [2,2',3,4,4',5,5'- heptachlorobiphenyl]	Endocrine system	, ,	Maine (EU Endocrine Disruptor); Oregon P3 List	Enclosed electrical systems	
55005-29-5	Персастноговірненун	Endocrine system	X	Maine (CA Prop 65); WA	Efficiosed efectifical systems	
106-47-8	p-Chloroaniline	Cancer		Appen1; WA CHCC	Chemical intermediate	
20265-96-7	p-Chloroaniline hydrochloride	Cancer		Maine (CA Prop 65); WA Appen1	Dye, chemical intermediate	
				Maine (CA Prop 65; IARC; NTP	Chemical intermediate for dyes,	
95-69-2	p-Chloro-o-toluidine	Cancer		11th ROC); WA Appen1	pesticide	
				Maine (NTP 11th ROC); WA		
3165-93-3	p-chloro-o-toluidine hydrochloride	Cancer		Appen1	Dye	
7400-08-0	p-Coumaric acid (PCA)	Endocrine system		Maine (EU Endocrine Disruptor);	Peactant	
7400-06-0	p-countaine acid (FCA)	Endocrine system		WA Appen1 Maine (CA Prop 65; NTP 11th	Reactant	
120-71-8	p-Cresidine	Cancer		ROC); WA Appen1	Chemical intermediate for dyes	
	,			WA Appen1; HSDB; OECD -	Chemical intermediate of tricresyl and	
106-44-5	p-cresols	Eyes, Skin		SIDS/SIAR; Minnesota HRL	cresyl diphenyl	x
				Maine (EU Endocrine Disruptor);		
12642-23-8	PCT Aroclor 5442	Endocrine system		WA Appen1		



			Persistent,			
			Bioaccumulative, Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number Ch	emical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
				Maine (CA Prop 65; NTP 11th		
106 46 7 p Dishlorohonza	no.	Cancar Liver		ROC); WA Appen1; Minnesota	Odor control, disinfectant, chemical	
106-46-7 p-Dichlorobenze	ne (Cancer, Liver		HRL; Minnesota HRV	intermediate, lubricant	X
100-25-4 p-Dinitrobenzen	e I	Reproduction		Maine (CA Prop 65); WA Appen1	Organic chemical synthesis, dyes	
		•		Maine (EPA Final PBT Rule for	, , ,	
				TRI; TRI PBT Chemical List; NWM		
				Priority Chemicals); WA Appen1;		
40487-42-1 Pendimethalin			х	Oregon P3 List	Pesticide	
				Maine (WA PBT List; OSPAR		
Pentabromodipl	nenyl ether			Chemicals of Concern; Canada		
32534-81-9 [Polybrominated	I diphenyl ethers]		х	PBiT); WA Appen1	Flame retardant	
				Maine (OSPAR Chemicals of	Add-in flame retardant, thermoset	
				Concern; OSPAR Chemicals for	polyester resins for circuit boards,	
85-22-3 Pentabromoethy	/ibenzene			Priority Action); WA Appen1	textiles, adhesives (1980s)	
				Maine (OSPAR Chemicals of Concern; OSPAR Chemicals for		
				Priority Action); WA Appen1;		
1825-21-4 pentachloroanis	ole			Oregon P3 List		
pentaemoroams	oic			oregon i 3 List		
				Maine (EPA Final PBT Rule for		
				TRI; TRI PBT Chemical List; NWM		
				Priority Chemicals; WA PBT List;		
				OSPAR Chemicals of Concern; EU		
				Endocrine Disruptor; Canada		
				PBiT); WA Appen1; WA CHCC;	Chemical intermediate for	
608-93-5 Pentachloroben:	zene l	Endocrine system		Oregon P3 List	pentachloronitrobenzene	
				Maine (EU PBT; OSPAR		
				Chemicals of Concern; Canada	Peptizer for synthetic and natural	
133-49-3 Pentachloroben:	zenethiol			PBiT); WA Appen1	rubbers	
				Maine (WA PBT List; OSPAR		
•	nthalene [Polychlorinated			Chemicals of Concern); WA		
1321-64-8 naphthalenes]			X	Appen1; Oregon P3 List	Chlorinated naphthalenes mfg	
				Maine (NWM Priority Chemicals;		
				OSPAR Chemicals of Concern);		
82-68-8 Pentachloronitro	bhenzene			WA Appen1; Oregon P3 List	Seed treatment, pesticide	
i cirtacinoroniti	, octilette			Maine (CA Prop 65; EU	beed deather, pesticide	
				Endocrine Disruptor; IRIS; NWM		
				Priority Chemicals; OSPAR		
				Chemicals of Concern); WA		
		Cancer, Endocrine system,		Appen1; Minnesota HRL- EPA-		
87-86-5 Pentachlorophe		Kidney, Liver		MCL	Pesticide	



			Persistent, Bioaccumulative, Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
68515-88-8	Pentene, 2,4,4-trimethyl-, sulfurized	Blood, Liver		EPA - HC	Anti-wear inhibitors in engine oils	Х
	Perchlorate and Perchlorate salts					
7790-98-9	(ammonium perchlorate)	Thyroid		IRIS; WA Appen1	Rocket fuel	x (2006)
375-73-5	Perfluorobutane sulfonate (PFBS)	Blood, Kidney, Liver		Minnesota HBV	Surfactant	
		Development, Liver,				
375-22-4	Perfluorobutyrate (PFBA)	Thyroid		Minnesota HBV	Use in photographic film	
375-85-9	Perfluoroheptanoic acid [PFHpA]		Х	Oregon P3 List	Anti-stain coatings	
375-95-1	Perfluorononanoic acid [PFNA]		Х	Oregon P3 List	Anti-stain coatings	
754-91-6	Perfluorooctane sulfonamide [PFOSA]		х	Oregon P3 List	Anti-stain coatings	
		Development, Liver,		Maine (WA PBT List); WA		
29457-72-5	Perfluorooctane sulfonate salt (PFOS)	Thyroid	Х	Appen1; Minnesota HRL	PFC	
		Development, Immune				
335-66-0	Perfluorooctanoic Acid (PFOA) and Salts	system, Liver	Х	Minnesota HRL	Anti-stain coatings	
		Development, Immune				
335-67-1	Perfluorooctanoic Acid (PFOA) and Salts	system, Liver	Х	Oregon P3 List; Minnesota HRL	Anti-stain coatings	
		Development, Immune				
335-93-3	Perfluorooctanoic Acid (PFOA) and Salts	system, Liver	Х	Minnesota HRL	Anti-stain coatings	
		Development, Immune				
335-95-5	Perfluorooctanoic Acid (PFOA) and Salts	system, Liver	Х	Minnesota HRL	Anti-stain coatings	
		Development, Immune				
2395-00-8	Perfluorooctanoic Acid (PFOA) and Salts	system, Liver	Х	Minnesota HRL	Anti-stain coatings	
		Development, Immune				
3825-26-1	Perfluorooctanoic Acid (PFOA) and Salts	system, Liver	Х	Minnesota HRL	Anti-stain coatings	
52645-53-1	Permethrin	Liver		IRIS; WA Appen1	Pesticide	
	Peroxide, (1,1,4,4-tetramethyl-1,4-			Maine (Canada PBiT); WA		
78-63-7	butanediyl)bis[(1,1-dimethylethyl) (Varox)		Х	Appen1	Rubber mfg	X
	Peroxide, (1,1,4,4-tetramethyl-2-butyne-			Maine (Canada PBiT); WA		
1068-27-5	1,4-diyl)bis[(1,1-dimethylethyl)		Х	Appen1		
	Peroxide, (3,3,5-trimethylcyclohexylidene)			Maine (Canada PBiT); WA		
6731-36-8	bis[(1,1-dimethylethyl)		Х	Appen1	Rubber mfg	
	Peroxide, [1,3(or 1,4)-phenylenebis(1-			Maine (Canada PBiT); WA		
25155-25-3	methylethylidene)]bis[(1,1-dimethylethyl)		Х	Appen1	Polymer initiator	X
				Maine (WA PBT List; OSPAR		
	Perylene [Polycyclic aromatic hydrocarbons			Chemicals of Concern); WA		
198-55-0	(PAHs)]		Х	Appen1	Organic semiconductors mfg	
	perylo[3,4-cd:9,10-c'd']dipyran-1,3,8,10-			Maine (OSPAR Chemicals of		
128-69-8	tetrone		Х	Concern); WA Appen1	Paint, lacquers, varnishes (pigment)	
				Maine (Canada PBiT); WA		
8002-05-9	Petroleum		Х	Appen1	Petroleum	X



			Persistent,			
			Bioaccumulative, Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Petroleum gases, liquefied, sweetened, C4					
	fraction; Petroleum gas; [A complex					
	combination of hydrocarbons obtained by					
	subjecting a liquefied petroleum gas mix to					
	a sweetening process to oxidize mercaptans					
	or to remove acidic impurities. It consists					
	predominantly of C4 saturated and					
92045-80-2	unsaturated hydrocarbons.]	Cancer		Maine (EU Carcinogen)		
	Petroleum gases, liquefied, sweetened;					
	Petroleum gas; [A complex combination of					
	hydrocarbons obtained by subjecting					
	liquefied petroleum gas mix to a					
	sweetening process to convert mercaptans					
	or to remove acidic impurities. It consists of					
	hydrocarbons having carbon numbers predominantly in the range of C3 through					
	C7 and boiling in the range of					
	approximately -40 °C to 80 °C (-40 °F to 176					
68476-86-8	°F).]	Cancer		Maine (EU Carcinogen)		x
	Petroleum gases, liquefied; Petroleum gas;					
	[A complex combination of hydrocarbons					
	produced by the distillation of crude oil. It					
	consists of hydrocarbons having carbon					
	numbers predominantly in the range of C3					
	through C7 and boiling in the range of approximately -40 °C to 80 °C (-40 °F to 176					
68476-85-7	°F).]	Cancer		Maine (EU Carcinogen)		x
00170037	Petroleum products, refinery gases;	Carreer		ivianie (20 careniogen)		Α
	Refinery gas; [A complex combination					
	which consists primarily of hydrogen with					
	various small amounts of methane, ethane,					
68607-11-4	and propane.]	Cancer		Maine (EU Carcinogen)		х
				Maine (Canada PBiT); WA		
68815-10-1	Petroleum, sulfurized		х	Appen1		
				Maine (CA Prop 65; IARC; NTP		
62-44-2	Phenacetin	Cancer		11th ROC); WA Appen1	Pharmaceutical, stabilizer in hair bleach	
				Maine (NWM Priority		
9E 01 9	Phonanthrono		v	Chemicals); WA Appen1; Oregon		
85-01-8	Phenanthrene		X	P3 List	Research, dyes, explosives, drugs Disinfectants, chemical intermediate for	
		Development, Eyes,		WA Appen1; WA CHCC;	caprolactam, biphenyl A, phenolic	
108-95-2	Phenol	Respiratory system			resins	x
	1	1 -1 1 -1	I .		1	· · ·



			Persistent, Bioaccumulative,			
			Toxic or very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
CAS Itamber	Phenol, (1,1,3,3-tetramethylbutyl)- =	riculti chapolit(3)	Bioaccamarative	Maine (EU Endocrine Disruptor);	Osc example(s) of class	yearsy
27193-28-8	Octylphenol	Endocrine system		WA Appen1	Pesticide (EPA reg. cancelled)	
	Phenol, [[[3-			111111111111111111111111111111111111111		
	(dimethylamino)propyl]amino]methyl]-,			Maine (Canada PBiT); WA		
72318-87-7	isobutylenated		x	Appen1		
	phenol, 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-			Maine (OSPAR Chemicals of		
3147-75-9	tetramethylbutyl)-		x	Concern); WA Appen1	Polymers, stabilizer	х
	phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-			Maine (OSPAR Chemicals of		
3846-71-7	dimethylethyl)-		х	Concern); WA Appen1	UV absorbers	
	phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-			Maine (OSPAR Chemicals of		
25973-55-1	dimethylpropyl)-		х	Concern); WA Appen1	Antioxidant	х
				Maine (OSPAR Chemicals of		
				Concern); WA Appen1; Oregon	Antibacterial, disinfectant, pesticide	
70-30-4	phenol, 2,2'-methylenebis[3,4,6-trichloro-		х	P3 List	(EPA reg. cancelled)	
				Maine (OSPAR Chemicals of		
1940-43-8	phenol, 2,2'-methylenebis[4,6-dichloro-		X	Concern); WA Appen1		
				Maine (OSPAR Chemicals of		
97-18-7	phenol, 2,2'-thiobis[4,6-dichloro-		х	Concern); WA Appen1	Surfactant, antimicrobial	
				Maine (OSPAR Chemicals of	Chemical intermediate for rubber	
497-39-2	phenol, 2,4-bis(1,1-dimethylethyl)-5-methyl-		х	Concern); WA Appen1	chemicals, phenolic resins	
				Maine (OSPAR Chemicals of	Chemical intermediate for aryl acid	
120-95-6	phenol, 2,4-bis(1,1-dimethylpropyl)-		х	Concern); WA Appen1	chlorides	х
	phenol, 2,4-dichloro-5-nitro-, carbonate			Maine (OSPAR Chemicals of		
39489-75-3	(2:1) (ester)		x	Concern); WA Appen1	Chemical synthesis	
				Maine (Canada PBiT; OSPAR		
	phenol, 2,6-bis(1,1-dimethylethyl)-4-(1-			Chemicals of Concern); WA		
17540-75-9	methylpropyl)-		х	Appen1	Plastics, antioxidant	х
				Maine (OSPAR Chemicals of		
5510-99-6	phenol, 2,6-bis(1-methylpropyl)-		x	Concern); WA Appen1	Antioxidant and stabilizer in plastics	
				Maine (EU Endocrine Disruptor;		
4342-30-7	Phenol, 2-[[(tributylstannyl)oxy]carbonyl]-	Endocrine system	Х	Canada PBiT); WA Appen1		
	Phenol, 2-methyl-4-[[4-					
	(phenylazo)phenyl]azo]- (Disperse Fast			Maine (Canada PBiT); WA		
6300-37-4	Yellow 4K)		х	Appen1	Dye	
				Maine (OSPAR Chemicals of		
1138-52-9	phenol, 3,5-bis(1,1-dimethylethyl)-		Х	Concern); WA Appen1		
	phenol, 4-(1,1-dimethylethyl)-, hydrogen			Maine (OSPAR Chemicals of		
21150-89-0	phosphate		Х	Concern); WA Appen1		
	Phenol, 4,4'-(1-methylethylidene)bis-,					
	reaction products with			Maine (Canada PBiT); WA		
125328-28-1	hexakis(methoxymethyl)melamine		Х	Appen1	Plastic, synthetic resin	
	phenol, 4,4'-(1-methylethylidene)bis[2,6-					
	dichloro- (2,2',6,6'-			Maine (OSPAR Chemicals of	Flame retardant monomer in epoxy	
79-95-8	TETRACHLOROBISPHENOL A)		x	Concern); WA Appen1	resins, polycarbonates, and polyesters	



			Persistent,			
			Bioaccumulative,			
			Toxic or very			UDV /2005 1.2 5.4
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Phenol, 4,4'-(3H-1,2-benzoxathiol- 3-					
	ylidene)bis[2,6-dibromo-3-methyl-, S,S-			Maine (Canada PBiT)l WA		
62625-32-5	dioxide, monosodium salt		Х	Appen1	Dye	
	Phenol, 4,4'-(3H-2,1-benzoxathiol- 3-					
	ylidene)bis[2,5-dimethyl-, S,S-dioxide			Maine (Canada PBiT); WA		
125-31-5	(Xylenol Blue)		Х	Appen1	Reagent	
	Phenol, 4,4'-(3H-2,1-benzoxathiol- 3-			Maine (Canada PBiT); WA		
115-39-9	ylidene)bis[2,6-dibromo-, S,S-dioxide		Х	Appen1	Indicator dye	
	Phenol, 4,4'-(3H-2,1-benzoxathiol- 3-					
	ylidene)bis[2,6-dibromo-3-methyl-, S,S-			Maine (Canada PBiT); WA		
76-60-8	dioxide		x	Appen1	pH indicator	
	Phenol, 4,4'-(3H-2,1-benzoxathiol- 3-			Maine (Canada PBiT); WA		
115-40-2	ylidene)bis[2-bromo-6-methyl-, S,S-dioxide		x	Appen1	pH indicator dye	
				Maine (Canada PBiT); WA	,	
21811-64-3	Phenol, 4,4'-[1,4-phenylenebis(azo)]bis-		x	Appen1	Dye	
	Phenol, 4,4'-thiobis[2-(1,1-dimethylethyl)-6-		Α	Maine (Canada PBiT); WA	-,-	
96-66-2	methyl-		х	Appen1		
30 00 2	inceriyi		^	Препі		
	Phenol, 4-[[2-methoxy-4-[(2-			Maine (Canada PBiT); WA		
93805-00-6	methoxyphenyl) azo]-5-methylphenyl]azo]-		х	Appen1	Dye	
33003 00 0	Phenol, 4-[[2-methoxy-4-[(4-		^	Препі		
	nitrophenyl)azo]phenyl]azo]- (Disperse			Maine (Canada PBiT); WA		
19800-42-1	Orange 29)		v	Appen1	Dye	
19600-42-1	Phenol, 4-[[4-(phenylazo)-1-		X	Maine (Canada PBiT); WA	Буе	
6252 10 7					Duo	
6253-10-7	naphthalenyl]azo]-		X	Appen1 Maine (Canada PBiT); WA	Dye	
(250 22 2	Phenol, 4-[[4-(phenylazo)phenyl]azo]- (C.I.				Due	
6250-23-3	Disperse Yellow 23)		Х	Appen1	Dye	
				Maine /FILF adequire Diswinter		
				Maine (EU Endocrine Disruptor;		
404 40 5	the section of the se	e. d d		OSPAR Chemicals of Concern);	Co-stabilizer with mixed-metal	
104-40-5	phenol, 4-nonyl-	Endocrine system	X	WA Appen1; WA CHCC	stabilizers, phenolic resins	
0.4052 15 5	l			Maine (OSPAR Chemicals of		
84852-15-3	phenol, 4-nonyl-, branched		Х	Concern); WA Appen1	Epoxy hardener	Х
					Nonionic surfactants mfg, plasticizers,	
1806-26-4	Phenol, 4-octyl-	Endocrine system		WA Appen1; WA CHCC	resins	
				Maine (EU Endocrine Disruptor;		
				OSPAR Chemical of Concern);		
11081-15-5	Phenol, isooctyl-	Endocrine system		WA Appen1	Surfactant	
				Maine (Canada PBiT); WA		
68512-30-1	Phenol, methylstyrenated		х	Appen1	Additive to rubber	



			Persistent,			
			Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
				l ,		
				Maine (EU Endocrine Disruptor;		
	l			OSPAR Chemicals of Concern);		
25154-52-3	phenol, nonyl-	Endocrine system	Х	WA Appen1; WA CHCC	Heat stabilizer, bactericide	
00404 05 3	phenol, nonyl-, manuf. of, by-products			Maine (OSPAR Chemicals of		
90481-05-3	from, high-boiling		Х	Concern); WA Appen1		
				Maine (OSPAR Chemicals of		
600 74 0	about a sutabases			Concern; Canada PBiT); WA	Flame national art	
608-71-9	phenol, pentabromo-		Х	Appen1	Flame retardant	
				Maine (CA Prop 65; NTP 11th	Asid base in disease was such	
77.00.0	Dharra la la la la la la	Carrage Fundamental acceptance		ROC; EU Endocrine Disruptor);	Acid base indicator, reagent,	
77-09-8	Phenolphthalein	Cancer, Endocrine system		WA Appen1	pharmaceutical	
					Chalailian af hala ann had ann ann an da	
					Stabilizer of halogenated compounds,	
122 60 1	Dhanadalanidada	C		Adding (CA Duny CE), MAA Annoud	plasticizer for epoxy resins, monomer	
122-60-1	Phenyl glycidyl ether	Cancer			for photoreactive polymers	
101 52 1	Phenyl-4-hydroxyphenylmethane = 4-	En de avia e avetava		Maine (EU Endocrine Disruptor);		
101-53-1	Benzylphenol (p-Benzylphenol)	Endocrine system		WA Appen1		
103-63-0 62-38-4	Phenylhydrazine	Cancer		Maine (CA Prop 65)	Preservative	
638-21-1	Phenylmercuric Acetate Phenylphosphine	Kidney		IRIS; WA Appen1 CA Prop 65		
036-21-1	PhiP(2-Amino-1-methyl-6-	Development		Maine (CA Prop 65; NTP 11th	Chemical intermediate, reagent	
105650-23-5	phenylimidazol[4,5-b]pyridine)	Cancor		ROC); WA Appen1	Cooked meats	
103030-23-3	prierryiiriidazoi[4,3-b]pyridirie)	Cancer		NOCJ, WA Appeni	Polymeric isocyanides mfg, pesticide	
75-44-5	Phosgene	Respiratory system		WA Appen1; Minnesota HRV	mfg	v
732-11-6		Body weight, Liver		IRIS; WA Appen1	Pesticide	X
732 11 0	Hosmet	body weight, Liver		inis, wa appeni	Pesticide (EPA reg. cancelled), organic	
7803-51-2	Phosphine	Body weight		Minnesota HRV; WA Appen1	preparations	
7603 31 2	Phosphine oxide, (butylphenyl)bis(2,6-	body weight		Maine (Canada PBiT); WA	ргерагасіонз	
117310-64-2	dichlorobenzoyl)-		x	Appen1	PCB	
117310 012	anemorosenzo (1)		Α	преп		
	Phosphonic acid, [[3,5-bis(1,1-					
	dimethylethyl) -4-hydroxyphenyl]methyl]-,			Maine (Canada PBiT); WA		
65140-91-2	monoethyl ester, calcium salt (2:1)		x	Appen1		
	Phosphonic acid, perfluoro-C6-12-alkyl			Maine (Canada PBiT); WA		
68412-68-0	derivs.		x	Appen1	PFC	
	Phosphonium, triphenyl(phenylmethyl)-,					
	salt with 4,4'-[2,2,2-trifluoro-1-(Maine (Canada PBiT); WA		
75768-65-9	trifluoromethyl)ethylidene]bis[phenol] (1:1)		x	Appen1	Catalyst, curing agent	
	phosphonothioic acid, ethyl-, O-ethyl O-			Maine (OSPAR Chemicals of		
327-98-0	(2,4,5-trichlorophenyl) ester		x	Concern); WA Appen1	Pesticide (not EPA registered)	



			Persistent, Bioaccumulative,			
			Toxic or very			HDV (2006 and 2 of 4
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
CAS Nullibel	phosphonothioic acid, phenyl-, O-(4-bromo-		Bioaccumulative	Source(s)	Ose example(s) of class	years
	2,5-dichlorophenyl) O-methyl ester			Maine (OSPAR Chemicals of		
21609-90-5	(Leptophos)		x	Concern); WA Appen1	Pesticide (not EPA registered)	
21003 30 3	(Leptophos)		,	concern, www.ppenii	Catalyst, etchant, superphosphates for	
7664-38-2	Phosphoric acid	Respiratory system		IRIS; WA Appen1	fertilizer mfg	x (2006)
	Phosphoric acid, 2-chloro-1-(2,4,5-			• •		
	trichlorophenyl)vinyl dimethyl	Body weight, Kidney, Liver,				
961-11-5	(Tetrachlorovinphos)	Nervous system		IRIS; WA Appen1	Pesticide	
	phosphoric acid, 2-ethylhexyl diphenyl			Maine (OSPAR Chemicals of	Food packaging, plasticizer for polyvinyl	
1241-94-7	ester		х	Concern); WA Appen1	chlorides	Х
				Maine (OSPAR Chemicals of		
29761-21-5	phosphoric acid, isodecyl diphenyl ester		х	Concern); WA Appen1	Plasticizer, lubricant	Х
				Maine (OSPAR Chemicals of		
26999-29-1	phosphorodithioic acid, O,O-diisooctyl ester	•	Х	Concern); WA Appen1	Zinc compound	
	phosphorothioic acid, O-(2,5-dichloro-4-			Maine (OSPAR Chemicals of		
18181-70-9	iodophenyl) O,O-dimethyl ester		Х	Concern); WA Appen1	Pesticide (not EPA registered)	
	phosphorothioic acid, O-(4-bromo-2,5-			Maine (OSPAR Chemicals of		
4824-78-6	dichlorophenyl) O,O-diethyl ester		Х	Concern); WA Appen1	Pesticide (not EPA registered)	
	phosphorothioic acid, O-(4-bromo-2,5-			Maine (OSPAR Chemicals of		
2104-96-3	dichlorophenyl) O,O-dimethyl ester		Х	Concern); WA Appen1	Pesticide (not EPA registered)	
	phosphorothioic acid, O,O,O-tris(4-			Maine (OSPAR Chemicals of		
64131-85-7	nitrophenyl) ester		Х	Concern); WA Appen1		
				Maine (OSPAR Chemicals of		
	phosphorothioic acid, O,O-diethyl O-(3,5,6-			Concern); WA Appen1; Oregon		
2921-88-2	trichloro-2-pyridyl) ester		Х	P3 List	Pesticide	
	Phosphorous acid, (1-methylethylidene)di-			AAAAAA (Gaara la BBIT) AAAA		
F2404 7F 4	4,1-phenylene tetrakis[(3-ethyl-3-			Maine (Canada PBiT); WA		
	oxetanyl)methyl] ester	Davalanment	X	Appen1 IRIS; WA Appen1	Phoenhovic acid mfg	v (2006)
7723-14-0	Phosphorus	Development Eyes, Respiratory system,		IRIS; WA Appell1	Phosphoric acid mfg Phthaleins mfg, phthalates, rubber	x (2006)
85-44-9	Phthalic anhydride	Skin		WA Appen1; WA CHCC; HSDB	retarder, synthetic fibers	V
03-44-9	Filtrialic arrivariae	SKIII		WA Appent, WA Chcc, H3DB	retarder, synthetic libers	X
				Maine (EU Endocrine Disruptor);	Intermediate for dyes, fungicides,	
99-96-7	p-Hydroxybenzoic acid	Endocrine system		WA Appen1; WA CHCC	corrosion inhibitor	x
33 30 T	p Tryatoxybetizote dela	Endocrine system		Maine (EU Endocrine Disruptor);		^
1918-02-1	Picloram	Endocrine system, Liver		WA Appen1	Pesticide, growth regulator	
23103-98-2	Pirimicarb	Cancer		Maine (CA Prop 65)	Pesticide (EPA reg. cancelled)	
23103 33 2		53,1001			. solida (El Michica)	
				Maine (IARC; NTP 11th ROC; EU		
				PBT List) REACH Substances of		
65996-93-2	Pitch, coal tar, hightemp.	Cancer	x	Very High Concern; WA Appen1	Coal tar, shampoo, pharmaceutical	х
	, , , ,				, , ,	
					Accelerator for rubber vulcanization,	
156-10-5	p-Nitrosodiphenylamine	Cancer		Maine (CA Prop 65); WA Appen1	-	



			.			
			Persistent,			
			Bioaccumulative,			
			Toxic or very			UDV /2006 1.2 - 5.4
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
				Maine (CA Prop 65; NTP 11th		
N/A	Polybrominated biphenyls	Cancer, Development		ROC); WA Appen2		
				Maine (IARC; IRIS; NTP 11th ROC;		
				EU Endocrine Disruptor; EPA		
				Final PBT Rule for TRI; TRI PBT		
				Chemical List; EPA Priority PBT;		
				NWM Priority Chemicals; OSPAR		
				Chemicals of Concern; Canada		
		Cancer, Development,		PBiT); WA Appen1; Minnesota		
1336-36-3	Polychlorinated Biphenyls (PCBs)	Endocrine Disruptor	Х	HRL; Minnesota HRV	Use in electrical systems	
53973-98-1	Polygeenan	Cancer		Maine (CA Prop 65); WA Appen1	Food additive	
3564-09-8	Ponceau 3R	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
2764 52 2	Danasa MAY	C		Maine (CA Due e CE), MAA Anne end	Dura fa alamant	
3761-53-3	Ponceau MX	Cancer		Maine (CA Prop 65); WA Appen1	Dye/colorant	
7758-01-2	Potassium bromate	Cancer		Maine (CA Prop 65); WA Appen1	Oxidizing agent	
7730 01 2	1 ocassiam promace	Body Weight, Nervous		ivalie (extrisp 63), with peni	Oxidizing agent	
151-50-8	Potassium cyanide	system, Thyroid		IRIS; WA Appen1	Electroplating, steel hardening	
	,	, ,			1 3	
128-03-0	Potassium dimethyldithiocarbamate	Development		Maine (CA Prop 65); WA Appen1	Pesticide	
	Potassium salt [Perfluorooctane sulfonates	Development, Liver,		Maine (WA PBT List; Canada	Emulsifier - fluoropolymer	
2795-39-3	(PFOS)]	Thyroid		PBiT); WA Appen1	polymerization	
		Nervous system, Thyroid,				
506-61-6	Potassium silver cyanide	Weight Loss		IRIS; WA Appen1	Used in silver plating	
67747-09-5	Prochloraz		Х	WA Appen1; Oregon P3 List	Pesticide (not EPA registered)	
				Maine (CA Prop 65; EU		
				Endocrine Disruptor); WA		
32809-16-8	Procymidone	Cancer, Endocrine system		Appen1	Pesticide (not EPA registered)	
7287-19-6	Prometryn	Bone marrow, Kidney, Liver		IRIS; WA Appen1	Pesticide	
22050 50 5	B			100 Day (55) 1440 A	B	
23950-58-5	Pronamide	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
1918-16-7	Propachlor	Cancer		Maine (CA Prop 65); WA Appen1	Desticide	
1010 10-7	Propanamide, N-[5-[bis[2-(acetyloxy)ethyl]	Curicu		Walle (CATTOP 03), WA Appent	resucide	
	amino]-2-[(2-chloro-4-			Maine (Canada PBiT); WA		
26850-12-4	nitrophenyl)azo]phenyl] -		x	Appen1	Dye	
20030 12-4	Propanedinitrile, [[1,2,3,4-tetrahydro-2,2, 4-		^	NAPOLIT		
	trimethyl-1-[2-					
	[[(phenylamino)carbonyl]oxy]ethyl]-6-			Maine (Canada PBiT); WA		
63467-19-6	quinolinyl]methylene]-		x	Appen1		
05-07 15-0	Manionityilinetityichej		^	hippenii		



			Domaistant			
			Persistent, Bioaccumulative,			
			Toxic or very			
	a		Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Propanedinitrile, [[4-[[2-(2-cyclohexylphenoxy) ethyl]ethylamino]-2-			Maine (Canada PBiT); WA		
54079-60-6	methylphenyl]methylene]-		x	Appen1		
34073-00-0	Propanedinitrile, [[4-[[2-(4-		^	Аррент		
	cyclohexylphenoxy) ethyl]ethylamino]-2-					
	methylphenyl]methylene]- (Disperse Yellow			Maine (Canada PBiT); WA		
54079-53-7	201)		x	Appen1	Dye	
34073-33-7	Propanenitrile, 3-[[2-(acetyloxy)ethyl][4-		^	Аррент	Dye	
	[(2,6-dichloro-4-					
	nitrophenyl)azo]phenyl]amino]- (C.I.			Maine (Canada PBiT); WA		
5261-31-4	Disperse Orange 30)		х	Appen1	Dyes	
3201 31 1	Disperse Grange 30)		A	Преп		
	Propanenitrile, 3-[[2-(acetyloxy)ethyl][4- [(2-					
	chloro-4-nitrophenyl)azo]-3-			Maine (Canada PBiT); WA		
68516-64-3	methylphenyl]amino]-		x	Appen1		
00310 013	Propanenitrile, 3-[[2-(acetyloxy)ethyl][4-		<u> </u>	, tppen1		
	[(5,6-dichloro-2-			Maine (Canada PBiT); WA		
33979-43-0	benzothiazolyl)azo]phenyl]amino]-		x	Appen1		
	Propanenitrile, 3-[[2-(acetyloxy)ethyl][4-					
	[(6,7-dichloro-2-			Maine (Canada PBiT); WA		
127126-02-7	benzothiazolyl)azo]phenyl]amino]-		x	Appen1		
	Propanenitrile, 3-[[4-[(2,6-dibromo-4-			1		
	nitrophenyl) azo]phenyl]ethylamino]-			Maine (Canada PBiT); WA		
55281-26-0	(Disperse Orange 61)		x	Appen1	Dye	
	Propanenitrile, 3-[[4-[(4,6-dibromo-2-			Maine (Canada PBiT); WA		
28824-41-1	benzothiazolyl) azo]phenyl]ethylamino]-		x	Appen1		
	Propanenitrile, 3-[[4-[(4-nitrophenyl)azo]					
	phenyl][2-			Maine (Canada PBiT); WA		
15958-27-7	[[(phenylamino)carbonyl]oxy]ethyl]amino]-		Х	Appen1		
	Propanenitrile, 3-[[4-[(5,6-dichloro-2-			Maine (Canada PBiT); WA		
25176-89-0	benzothiazolyl) azo]phenyl]ethylamino]-		X	Appen1	Dye	
	Propanenitrile, 3-[[4-[(5,6-dichloro-2-			Maine (Canada PBiT); WA		
41362-82-7	benzothiazolyl) azo]phenyl]methylamino]-		X	Appen1	Dye	
25452.25.1	Propanenitrile, 3-[[4-[(6,7-dichloro-2-			Maine (Canada PBiT); WA		
25150-28-1	benzothiazolyl) azo]phenyl]ethylamino]-		X	Appen1	Dye	
10745 44.0	Propanenitrile, 3-[4-[(5-nitro-2-thiazolyl)			Maine (Canada PBiT); WA		
19745-44-9	azo](2-phenylethyl)amino]-		X	Appen1		
	Propopositvilo 2 fathulf2 reather 4 f/C			Maina (Canada DD:T) 14/4		
16596 42.0	Propanenitrile, 3-[ethyl[3-methyl-4-[(6-nitro-			Maine (Canada PBiT); WA	Due	
16586-42-8	2-benzothiazolyl)azo]phenyl]amino]-		X	Appen1	Dye	



			Persistent, Bioaccumulative,			
CAS Number	Chemical Name	Health endpoint(s)	Toxic or very Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
709-98-8	Propanil	Spleen	<u> </u>	IRIS; WA Appen1	Pesticide	y carsy
	- P			-7		
	propanoic acid, 2-(2,4,5-trichlorophenoxy)-,			Maine (OSPAR Chemicals of		
19398-13-1	2-butoxyethyl ester		x	Concern); WA Appen1	Pesticide (EPA reg. cancelled)	
	propanoic acid, 2-[4-[[3-chloro-5-					
	(trifluoromethyl)-2-pyridinyl]oxy]phenoxy]-,			Maine (OSPAR Chemicals of		
87237-48-7	2-ethoxyethyl ester		Х	Concern); WA Appen1	Pesticide (not EPA registered)	
2312-35-8	Propargite	Cancer, Development		Maine (CA Prop 65); WA Appen1		
					Corrosion inhibitor, rust inhibitor,	
					prevent hydrogen embrittlement of	
107-19-7	Propargyl alcohol	Kidney, Liver		IRIS; WA Appen1	steel	Х
139-40-2	Propazine	Body Weight		IRIS; WA Appen1	Pesticide	
122-42-9	Propham	Nervous system, Spleen		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
		Eyes, Gastrointestinal				
60207-90-1	Propiconazole	system		IRIS; WA Appen1	Pesticide, wood preservation	
					Manufacture of propionic acid,	
123-38-6	Propionaldehyde	Skin		HSDB; WA Appen1	polyvinyl plastics	Х
111 26 1				NA : : : (CA D. : : CF) WA A : : : : 4	Desired.	
114-26-1	Propoxur	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
57018-52-7	Propylene glycol mono-t-butyl ether	Cancer		Maine (CA Prop 65); WA Appen1	Solvent	
37018-32-7	r ropylene grycor mono-t-butyr etner	Caricer		Maine (CA Prop 65; IRIS; NTP	Solvent	
				11th ROC); WA Appen1;		
75-56-9	Propylene oxide	Cancer			Pesticide, disinfectant	v
75 50 5	Tropylene oxide	Caricer		Willinesota Tilly	Heat storage, transfer agents, textile	X
92-94-4	p-Terphenyl		x	Oregon P3 List	dye carrier	
51630-58-1	Pydrin	Nervous system	^	IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
31030 30 1	Yarm	Treivous system		inio, withpenii	restricte (Eryrieg. carreened)	
				Maine (NWM Priority Chemicals;		
				OSPAR Chemicals of Concern);		
				WA Appen1; Oregon P3 List;		
129-00-0	Pyrene	Kidney	x	Minnesota HRL	Research, optical brighteners and dyes	
	,			Maine (OSPAR Chemicals of	Transfer of the state of the st	
128-63-2	pyrene, 1,3,6,8-tetrabromo-		x	Concern); WA Appen1	PAH	
				,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Pharmaceuticals, vitamins, flavoring,	
110-86-1	Pyridine	Cancer		Maine (CA Prop 65); WA Appen1	water proofing	х
				Maine (Canada PBiT); WA	Fragrance, perfume, deodorizer,	
101200-53-7	Pyridine, 2-[3-(3-chlorophenyl)propyl]-		x	Appen1	flavoring agent	
				Maine (Canada PBiT); WA		
73398-86-4	Pyridine, 4-(3-chloro-5-propylphenyl)-		x	Appen1		
				Maine (Canada PBiT); WA		
73398-87-5	Pyridine, 4-(4-chloro-3-propylphenyl)-		x	Appen1		



			Persistent, Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Pyridinium, 1-[2-[[4-[(2-chloro-4-					
	nitrophenyl) azo]phenyl]ethylamino]ethyl]-,			Maine (Canada PBiT); WA		
59709-10-3	acetate		x	Appen1		
33703 10 3	pyrimido[5,4-d]pyrimidine, 2,6-dichloro-4,8-		^	Maine (OSPAR Chemicals of		
7139-02-8	di-1-piperidinyl-		x	Concern); WA Appen1	Chemical intermediate	
, 100 01 0				, pp		
89-32-7	Pyromellitic dianhydride	Respiratory system		HSDB	Curing agent, aromatic polyamides mfg	х
				Maine (EU Endocrine Disruptor);		
13593-03-8	Quinalphos = Chinalphos	Endocrine system		WA Appen1	Pesticide (not EPA registered)	
					Dyestuffs, chemical intermediate,	
91-22-5	Quinoline	Cancer		Maine (IRIS); WA Appen1	flavoring, decarboxylation reagent	
76578-14-8	Quizalofop-ethyl	Reproduction		Maine (CA Prop 65); WA Appen1		
				Maine (IARC; NTP 11th ROC); WA		
10043-92-2	Radon-222 and its decay products	Cancer			Decay product of radium	
C4741 OF 1	Deffinates (naturals una) sometion and			Maine (Canada PBiT); WA		
64741-85-1	Raffinates (petroleum), sorption process Raffinates (petroleum), steam-cracked C4		X	Appen1		X
	fraction cuprous ammonium acetate extn.,					
	C3-5 and C3-5 unsatd., butadiene-free;					
		Cancer		Maine (EU Carcinogen)		
37722 13 3	i etioleum gus	Carreer		Maine (EU PBT List; OSPAR		
				Chemicals of Concern); WA		
92061-94-4	Residues (coal tar), pitch distn.		x	Appen1		
				Maine (Canada PBiT); WA		
128683-35-2	Residues (oil sand), atm. tower		x	Appen1		
	Residues (petroleum), alkylation splitter, C4-					
	rich; Petroleum gas; [A complex residuum					
	from the distillation of streams various					
	refinery operations. It consists of					
	hydrocarbons having carbon numbers in					
	the range of C4 through C5, predominantly					
	butane and boiling in the range of					
	approximately -11.7°C to 27.8°C (11°F to			1 (
68513-66-6	82°F).]	Cancer		Maine (EU Carcinogen) Maine (Canada PBiT); WA		X
70592-79-9	Residues (petroleum), atm. tower, light		v	Appen1		
70332-13-3	nesidues (petroleum), aum tower, light		X	Maine (Canada PBiT); WA		X
68333-22-2	Residues (petroleum), atmospheric		x	•	Petroleum	x
30000 22 2	Residues (petroleum), catalytic reformer			Maine (Canada PBiT); WA	. ct. o.cum	
64741-67-9	fractionator		x	Appen1		х



			Persistent,			
			Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Residues (petroleum), heavy coker gas oil					
	and vacuum gas oil; Heavy Fuel oil; [A					
	complex combination of hydrocarbons					
	produced as the residual fraction from the					
	distillation of heavy coker gas oil and					
	vacuum gas oil. It predominantly consists of					
	hydrocarbons having carbon numbers					
	predominantly greater than C13 and boiling			Maine (Canada PBiT); WA		
68478-17-1	above approximately 2300C (4460F).]		Х	Appen1		Х
				Maine (Canada PBiT); WA		
68512-62-9	Residues (petroleum), light vacuum		Х	Appen1	Emulsions, roofing flux	Х
64742 00 4				Maine (Canada PBiT); WA		
64742-90-1	Residues (petroleum), steam-cracked		X	Appen1		X
60607.20.7	Residues (petroleum), topping plant, low-			Maine (Canada PBiT); WA		
68607-30-7	sulfur		X	Appen1		Х
120002 11 4	Residues (petroleum), vacuum,			Maine (Canada PBiT); WA		
129893-11-4	hydrocracked, naphtha fraction Resin acids and Rosin acids, fumarated,		X	Appen1 Maine (Canada PBiT); WA	Formulation component, pigment, dye,	
124751-15-1	barium salts			Appen1	printing ink	
124731-13-1	Resin acids and Rosin acids, hydrogenated,		X	Maine (Canada PBiT); WA	printing ink	
65997-13-9	esters with glycerol		x	Appen1	Adhesive, paint, sealant	x
03337 13 3	esters with giveeror		Α	, appens	ranesive, paint, sealant	^
	Resin acids and Rosin acids, hydrogenated,			Maine (Canada PBiT); WA		
64365-17-9	esters with pentaerythritol		x	Appen1	Adhesives	х
	, ,					
	Resin acids and Rosin acids, hydrogenated,			Maine (Canada PBiT); WA		
68648-53-3	esters with triethylene glycol		x	Appen1	Flame retardant	
				Maine (CA Prop 65; EU		
		Cancer, Development,		Endocrine Disruptor); WA		
10453-86-8	Resmethrin	Endocrine system		Appen1	Pesticide	
				Maine (EU Endocrine Disruptor);	Tanning, resins, resin adhesives,	
108-46-3	Resorcinol	Endocrine system		WA Appen1	photography, pharmaceutical	х
				Maine (Canada PBiT); WA		
65997-06-0	Rosin, hydrogenated		Х	Appen1	Colorant, adhesive, solvent, plastics	х
83-79-4	Rotenone	Reproduction		IRIS; WA Appen1	Pesticide	
				Maine (CA Prop 65; NTP 11th		
94-59-7	Safrole	Cancer		ROC); WA Appen1	Piperonyl butoxide mfg, preservative	
N/A	salts of 2-naphthylamine	Cancer		Maine (EU Carcinogen)		
7702.00.0	Calculate a sid	Disasi		IDIC: MAA A	Outdining a part of the Control of t	
7783-00-8	Selenious acid	Blood		IRIS; WA Appen1	Oxidizing agent, reagent for alkyloids	
7792 40 3	Colonium			Oregon P3 List; WA Appen1;	Industrial processes Naturally assuming	
	Selenium	Pland	X	Minnesota HRL	Industrial processes; Naturally occurring	
74051-80-2	Sethoxydim	Blood		IRIS; WA Appen1	Pesticide	



			Persistent,			
			Bioaccumulative,			
			Toxic or very			HPV (2006 and 3 of 4
CAC Namelana	Charriant Name	11 - alah an da atauta)	Persistent, very	Comments)	11	· .
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
68308-34-9	 Shale-oils	Cancar		Maine (CA Prop 65; IARC); WA	Oil	
08308-34-9	Shale-ons	Cancer		Appen1 Maine (EU Endocrine Disruptor;	Oil	
				WA PBT List; EU PBT List; OSPAR		
				Chemicals of Concern; REACH		
				Substances of Very High		
				, -	Lubricants in motal cutting placticizors	
85535-84-8	Short-chain chlorinated paraffins		V	Concern; Canada PBiT); WA	Lubricants in metal cutting, plasticizers and flame retardants in plastics	
63333-64-6	Silanamine, 1,1,1-trimethyl-N-		X	Appen1	and name retaildants in plastics	
	(trimethylsilyl)-, reaction products with					
	ammonia, octamethylcyclotetrasiloxane			Maine (Canada PBiT); WA		
68937-51-9	and silica		x	Appen1	Formulation component	
00537-31-3	Silica, crystalline (inhaled in the form of		^	Аррент	Torridiation component	
	quartz or cristobalite from occupational					
14808-60-7	sources)	Cancer		Maine (IARC); WA Appen1	Glass, abrasives	x (2006)
14000 00 7	3001003)	Caricer		Maine (CA Prop 65; NTP 11th	diass, abrasives	X (2000)
N/A	 Silica, crystalline (respirable size)	Cancer		ROC); WA Appen2		
14//	Siloxanes and Silicones, 3-cyanopropyl Me,	Curicer		Maine (Canada PBiT); WA		
68938-51-2	di-Me		x	Appen1		
00330 31 2	Siloxanes and Silicones, di-Me, hydrogen-		^	Maine (Canada PBiT); WA		
70900-21-9	terminated		x	Appen1	Adhesive, binder sealant	
7 00 00 11 0				, .pp.c	, rancons, amaer searant	
	Siloxanes and Silicones, di-Me, reaction					
	products with Me hydrogen siloxanes and			Maine (Canada PBiT); WA		
69430-47-3	1,1,3,3-tetramethyldisiloxane		x	Appen1	Polymer, crosslinking agent	
	Siloxanes and Silicones, Me 3,3,3-				, , , , ,	
	trifluoropropyl, Me vinyl, hydroxy-			Maine (Canada PBiT); WA		
68952-02-3	terminated		x	Appen1	Absorbent, polymer, rubber products	
				WA Appen1; IRIS; Minnesota		
7440-22-4	Silver	Argyria		HRL	Contaminant in water (several uses)	x (2006)
				WA Appen1; Minnesota HRL-EPA		
122-34-9	Simazine	Blood		-MCL	Pesticide	
26628-22-8	Sodium azide	Body weight		IRIS; WA Appen1	Airbags in vehicles, preservative	
		Cardiovascular system,				
		Liver, Nervous system,			Cleaning metals, dyes, electroplating	
143-33-9	Sodium cyanide	Thyroid		ATSDR; HSDB; WA Appen1	solutions, brighteners	Х
		Cancer, Genotoxic,		Maine (REACH Substance of Very	Contaminant from electroplating,	
7789-12-0	Sodium dichromate, dihydrate	Reproduction	х	High Concern); WA Appen1	tanning	
					Vulcanizing agent, corrosion inhibitor,	
128-04-1	Sodium dimethyldithiocarbamate	Development		Maine (CA Prop 65); WA Appen1		Х
7775-14-6	Sodium dithionite	Eyes, Genotoxic		OECD - SIDS/SIAR	Reducing agent, oxygen scavenger	Х
62-74-8	Sodium fluoroacetate	Reproduction		Maine (CA Prop 65); WA Appen1	Pesticide	



			Persistent, Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
		Eyes, Respiratory system,				
1310-73-2	Sodium Hydroxide	Skin		WA Appen1; Minnesota HRV	Caustic and base	Х
NI/A	Soots	Cancor		Maine (IARC; NTP 11th ROC); WA		
N/A	30013	Cancer		Appen2		
	Soots, tars, and mineral oils (untreated and					
N/A	mildly treated oils and used engine oils)	Cancer		Maine (CA Prop 65); WA Appen2		
.,				(C		
	Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-					
	3-one, 2',4',5',7'-tetrabromo-3',6'-dihydroxy			Maine (Canada PBiT); WA		
15086-94-9	(D & C Red no. 21)		Х	Appen1	Pigment/dye	
	Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-					
	3-one, 2',4',5',7'-tetrabromo-3',6'-dihydroxy			Maine (Canada PBiT); WA		
1326-05-2	, lead salt		X	Appen1		
	Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-			Maine (Conside DDIT), MA		
509-34-2	3-one, 3',6'-bis(diethylamino)- (Solvent Red 49)		v	Maine (Canada PBiT); WA Appen1	Solvent red 49, heat transfer fluids	
309-34-2	ß-Alanine, N-[4-[(2-bromo-6-chloro-4-		X	Appenii	Solvent red 43, fleat transfer fluids	
	nitrophenyl)azo]phenyl]-N-(3-methoxy-3-					
	oxopropyl)-, methyl ester (Disperse Yellow			Maine (Canada PBiT); WA		
59709-38-5	Brown)		x	Appen1	pigment/dye	
				Maine (EU Endocrine Disruptor);		
4342-36-3	Stannane, (benzoyloxy)tributyl-	Endocrine system		WA Appen1	Pesticide	
	Stannane, [(2-octyl-1,4-dioxo-1,4-			Maine (Canada PBiT); WA		
67701-37-5	butanediyl) bis(oxy)]bis[tributyl-		X	Appen1		
4702 20 0	Standard Market Lands (see Lands)	e. d		Maine (EU Endocrine Disruptor);		
4782-29-0	Stannane, [1,2-phenylenebis(carbonyloxy)	Endocrine system		WA Appen1 Maine (Canada PBiT); WA		
379-52-2	Stannane, fluorotriphenyl-		x	Appen1	Antifouling	
373 32 2	Starmane, hadrotriphenyi		^	Maine (OSPAR Chemicals of	Antirouning	
427-45-2	stannane, fluorotris-p-chlorophenyl-		x	Concern); WA Appen1		
				Maine (CA Prop 65; OSPAR		
				Chemicals of High Concern); WA		
76-87-9	stannane, hydroxytriphenyl-	Cancer, Development	х	Appen1	Pesticide, antifouling	
				Maine (Canada PBiT; EU		
				Endocrine Disruptor); WA	Reducing agent, synthesis intermediate,	
688-73-3	Stannane, tributyl-	Endocrine system	Х	Appen1	pharmaceutical	
26624 26 6		e de de de		Maine (EU Endocrine Disruptor);		
36631-23-9	Stannane, tributyl = Tributyltin naphtalate	Endocrine system		WA Appen1		
	stannano tributul mana/nanhthansulawa			Maine (EU Endocrine Disruptor;		
85409-17-2	stannane, tributyl-, mono(naphthenoyloxy) derivs.	Endocrine system	v	OSPAR Chemicals of Concern); WA Appen1	Pesticide (not EPA registered)	
03403-17-2	uciivo.	Endocrine system	X	Maine (EU Endocrine Disruptor);	resticide (not Er A registered)	
24124-25-2	Stannane, tributyl[(1-oxo-9,12-octadecad	Endocrine system		WA Appen1	Antifouling	
Z41Z4-Z3-Z	Janinane, unbutyi[(1-0x0-3,12-0ctadecad	Lindocinie system	1	INVY Whhelit	Androuning	



			Persistent,			
			Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
				Maine (EU Endocrine Disruptor);		
3090-35-5	Stannane, tributyl[(1-oxo-9-octadecenyl)	Endocrine system		WA Appen1		
				Maine (CA Prop 65; EU		
	Stannane, tributyl[(2-methyl-1-oxo-2-	Development, Endocrine		Endocrine Disruptor; Canada	Antifouling, pesticide (EPA reg.	
2155-70-6	propenyl)oxy]-	system	х	PBiT); WA Appen1	cancelled)	
				Maine (EU Endocrine Disruptor);		
26239-64-5	Stannane, tributyl[[[1,2,3,4,4a,4b,5,6,1	Endocrine system		WA Appen1	Antifouling	
				Maine (Canada PBiT); WA	Pesticide (not EPA registered), chemical	
1461-22-9	Stannane, tributylchloro-		х	Appen1	intermediate	
				Maine (Canada PBiT; EU		
				Endocrine Disruptor); WA		
1983-10-4	Stannane, tributylfluoro-	Endocrine system	х	Appen1	Antifouling	
				Maine (CA Prop 65; OSPAR		
				Chemicals of Concern); WA		
13121-70-5	stannane, tricyclohexylhydroxy-	Cancer	х	Appen1	Pesticide (not EPA registered)	
				Maine (OSPAR Chemical of		
668-34-8	stannylium, triphenyl-		x	Concern); WA Appen1		
10048-13-2	Sterigmatocystin	Cancer		Maine (CA Prop 65); WA Appen1	Metabolite of aflatoxin	
					Spot and stain removal, diluent for	
					paints, coatings and waxes, dry cleaning	
8052-41-3	Stoddard solvent	Liver, Nervous system		HSDB; ATSDR	agent	X
3810-74-0	Streptomycin sulfate	Development		Maine (CA Prop 65); WA Appen1	Pesticide, pharmaceutical	
		Cancer, Development,		Maine (CA Prop 65; NTP 11th		
18883-66-4	Streptozocin (streptozotocin)	Reproduction		ROC); WA Appen1	Research, pharmaceutical	
				Maine (OSPAR Chemicals of		
8001-50-1	Strobane		x	Concern); WA Appen1	Pesticide (not EPA registered)	
	strong inorganic acid mists containing			Maine (CA Prop 65; IARC; NTP		
7664-93-9	sulfuric acid	Cancer		11th ROC); WA Appen1	Acids mfg, glue	Х
57-24-9	Strychnine	Nervous system		HSDB; IRIS; WA Appen1	Pesticide, pharmaceutical	
		Endocrine system, Eyes,		Maine (EU Endocrine Disruptor);		
		Nervous system,		WA Appen1; WA CHCC;	Mfg plastics, dilutent, resin, food	
100-42-5	Styrene	Respiratory system		Minnesota HRV	flavoring	Х
				Maine (CA Prop 65; IARC; NTP	Production of styrene glycol, epoxy	
96-09-3	Styrene oxide	Cancer		11th ROC); WA Appen1	resins, cosmetics, perfumes	
				Maine (CA Prop 65; NTP 11th		
95-06-7	Sulfallate	Cancer		ROC); WA Appen1	Pesticide (EPA reg. cancelled)	



			Persistent, Bioaccumulative,			
			Toxic or very			
000 01			Persistent, very		, .	HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Tail gas (petroleum), catalytic cracked					
	clarified oil and thermal cracked vacuum					
	residue fractionation reflux drum;					
	Petroleum gas; [A complex combination of hydrocarbons obtained from fractionation					
	of catalytic cracked clarified oil and thermal					
	cracked vacuum residue. It consists					
	predominantly of hydrocarbons having					
69479 31 7	carbon numbers predominantly in the	Cancor		Maine (Ell Carcinegen)		
68478-21-7	range of C1 through C6.]	Cancer		Maine (EU Carcinogen)		
	Tail gas (petroleum), catalytic cracked					
	distillate and catalytic cracked naphtha					
	fractionation absorber; Petroleum gas; [The					
	complex combination of hydrocarbons from the distillation of the products from					
	catalytic cracked distillates and catalytic					
	cracked naphtha. It consists predominantly					
	of hydrocarbons having carbon numbers in					
68307-98-2	the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		
	Tail gas (petroleum), catalytic cracked					
	distillate and naphtha stabilizer; Petroleum					
	gas; [A complex combination of					
	hydrocarbons obtained by the fractionation of catalytic cracked naphtha and distillate.					
	It consists predominantly of hydrocarbons					
	having carbon numbers predominantly in					
68952-77-2	the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		
	Tail gas (petroleum), catalytic cracked					
	naphtha stabilization absorber; Petroleum					
	gas; [A complex combination of					
	hydrocarbons obtained from the					
	stabilization of catalytic cracked naphtha. It					
	consists predominantly of hydrocarbons having carbon numbers predominantly in					
68478-22-8	the range of C1 through C6.]	Cancer		Maine (EU Carcinogen)		



CAS Number	Chemical Name	Health endpoint(s)	Persistent, Bioaccumulative, Toxic or very Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
68478-25-1	Tail gas (petroleum), catalytic cracker refractionation absorber; Refinery gas; [A complex combination of hydrocarbons obtained from refractionation of products from a catalytic cracking process. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C1 through C3.]	Cancer		Maine (EU Carcinogen)		
68478-24-0	Tail gas (petroleum), catalytic cracker, catalytic reformer and hydrodesulfurizer combined fractionater; Petroleum gas; [A complex combination of hydrocarbons obtained from the fractionation of products from catalytic cracking, catalytic reforming and hydrodesulfurizing processes treated to remove acidic impurities. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C5.]			Maine (EU Carcinogen)		
68952-79-4	Tail gas (petroleum), catalytic hydrodesulfurized naphtha separator; Refinery gas; [A complex combination of hydrocarbons obtained from the hydrodesulfurization of naphtha. It consists of hydrogen, methane, ethane, and propane.]			Maine (EU Carcinogen)		x
68307-99-3	Tail gas (petroleum), catalytic polymn. naphtha fractionation stabilizer; Petroleum gas; [A complex combination of hydrocarbons from the fractionation stabilization products from polymerization of naphtha. It consists predominantly of hydrocarbons having carbon numbers in the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		



			Persistent, Bioaccumulative, Toxic or very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Tail gas (petroleum), catalytic reformed naphtha fractionation stabilizer, hydrogen sulfide-free; Petroleum gas; [A complex combination of hydrocarbons obtained from fractionation stabilization of catalytic reformed naphtha and from which hydrogen sulfide has been removed by amine treatment. It consists predominantly of hydrocarbons having carbon numbers					
68308-00-9	predominantly in the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		
68478-26-2	Tail gas (petroleum), catalytic reformed naphtha fractionation stabilizer; Petroleum gas; [A complex combination of hydrocarbons obtained from the fractionation stabilization of catalytic reformed naphtha. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		x
68478-27-3	Tail gas (petroleum), catalytic reformed naphtha separator; Refinery gas; [A complex combination of hydrocarbons obtained from the catalytic reforming of straight run naphtha. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C1 through C6.]	Cancer		Maine (EU Carcinogen)		x
68478-28-4	Tail gas (petroleum), catalytic reformed naphtha stabilizer; Refinery gas; [A complex combination of hydrocarbons obtained from the stabilization of catalytic reformed naphtha. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C1 through	Cancer		Maine (EU Carcinogen)		x



CAC Namehous	Chaminal Name	Haalth and rint(s)	Persistent, Bioaccumulative, Toxic or very Persistent, very	Comments	Han avantalala) an alam	HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Tail gas (petroleum), cracked distillate					
	hydrotreater separator; Refinery gas; [A					
	complex combination of hydrocarbons					
	obtained by treating cracked distillates with					
	hydrogen in the presence of a catalyst. It					
	consists of hydrogen and saturated					
	aliphatic hydrocarbons having carbon					
	numbers predominantly in the range of C1					
68478-29-5	through C5.]	Cancer		Maine (EU Carcinogen)		
	Tail gas (petroleum), cracked distillate					
	hydrotreater stripper; Petroleum gas; [A					
	complex combination of hydrocarbons					
	obtained by treating thermal cracked					
	distillates with hydrogen in the presence of					
	a catalyst. It consists predominantly of					
	saturated hydrocarbons having carbon					
	numbers predominantly in the range of C1					
68308-01-0	through C6.]	Cancer		Maine (EU Carcinogen)		
	Tail gas (petroleum), gas oil catalytic					
	cracking absorber; Petroleum gas; [A					
	complex combination of hydrocarbons					
	obtained from the distillation of products					
	from the catalytic cracking of gas oil. It					
	consists predominantly of hydrocarbons					
60200 02 2	having carbon numbers predominantly in			Main (511 Continue)		
68308-03-2	the range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		
	Tail gas (petroleum), gas recovery plant					
	deethanizer; Petroleum gas; [A complex combination of hydrocarbons from the					
	distillation of products from miscellaneous					
	hydrocarbon streams. It consists of					
	hydrocarbon streams. It consists of					
	predominantly in the range of C1 through					
68308-05-4		Cancer		Maine (EU Carcinogen)		x



CAS Number	Chemical Name	Health endpoint(s)	Persistent, Bioaccumulative, Toxic or very Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
68308-04-3	Tail gas (petroleum), gas recovery plant; Petroleum gas; [A complex combination of hydrocarbons from the distillation of products from miscellaneous hydrocarbon streams. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		X
68308-06-5	Tail gas (petroleum), hydrodesulfurized distillate and hydrodesulfurized naphtha fractionator, acid-free; Petroleum gas; [A complex combination of hydrocarbons obtained from fractionation of hydrodesulfurized naphtha and distillate hydrocarbon streams and treated to remove acidic impurities. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		X
68478-30-8	Tail gas (petroleum), hydrodesulfurized straight-run naphtha separator; Refinery gas; [A complex combination of hydrocarbons obtained from hydrodesulfurization of straight-run naphtha. It consists of hydrogen and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C1 through C6.]	Cancer		Maine (EU Carcinogen)		x
68308-07-6	Tail gas (petroleum), hydrodesulfurized vacuum gas oil stripper, hydrogen sulfidefree; Petroleum gas; [A complex combination of hydrocarbons obtained from stripping stabilization of catalytic hydrodesulfurized vacuum gas oil and from which hydrogen sulfide has been removed by amine treatment. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C1 through C6.]	Cancer		Maine (EU Carcinogen)		



			B			
			Persistent, Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
C/15 Hamber	Chemical Hame	ricular enapoint(s)	Dioaccamarative	350.55(3)	Ose example(s) of class	yearsy
	Tail gas (petroleum), isomerized naphtha					
	fractionation stabilizer; Petroleum gas; [A					
	complex combination of hydrocarbons					
	obtained from the fractionation					
	stabilization products from isomerized					
	naphtha. It consists predominantly of					
	hydrocarbons having carbon numbers					
	predominantly in the range of C1 through					
68308-08-7	C4.	Cancer		Maine (EU Carcinogen)		Х
	Tail gas (petroleum), light straight-run					
	naphtha stabilizer, hydrogen sulfide-free;					
	Petroleum gas; [A complex combination of					
	hydrocarbons obtained from fractionation					
	stabilization of light straight run naphtha					
	and from which hydrogen sulfide has been					
	removed by amine treatment. It consists					
	predominantly of hydrocarbons having					
	carbon numbers predominantly in the					
68308-09-8	range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		
	Tail gas (petroleum), propane-propylene					
	alkylation feed prep deethanizer;					
	Petroleum gas; [A complex combination of					
	hydrocarbons obtained from the distillation					
	of the reaction products of propane with					
	propylene. It consists of hydrocarbons					
	having carbon numbers predominantly in					
68308-11-2	the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		Х
	Tail and (not valous) and water and a					
	Tail gas (petroleum), saturate gas plant					
	mixed stream, C4-rich; Petroleum gas; [A complex combination of hydrocarbons					
	obtained from the fractionation					
	stabilization of straight-run naphtha,					
	distillation tail gas and catalytic reformed					
	naphtha stabilizer tail gas. It consists of					
	hydrocarbons having carbon numbers in					
	the range of C3 through C6, predominantly					
68478-32-0	butane and isobutane.]	Cancer		Maine (EU Carcinogen)		Х



			Daveistant			
			Persistent,			
			Bioaccumulative,			
			Toxic or very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
CAS Number	Chemical Name	nearth enupoint(s)	Bioaccumulative	Source(s)	Ose example(s) of class	years)
	Tail gas (petroleum), saturate gas recovery					
	plant, C1-2-rich; Petroleum gas; [A complex					
	combination of hydrocarbons obtained					
	from fractionation of distillate tail gas,					
	straight-run naphtha, catalytic reformed					
	naphtha stabilizer tail gas. It consists					
	predominantly of hydrocarbons having					
	carbon numbers in the range of C1through					
68478-33-1		Cancer		Maine (EU Carcinogen)		
00.70 00 1	co, presentation, measure and estimate,			manie (20 Gareniegen)		
	Tail gas (petroleum), straight-run distillate					
	hydrodesulfurizer, hydrogen sulfide-free;					
	Petroleum gas; [A complex combination of					
	hydrocarbons obtained from catalytic					
	hydrodesulfurization of straight run					
	distillates and from which hydrogen sulfide					
	has been removed by amine treatment. It					
	consists predominantly of hydrocarbons					
	having carbon numbers predominantly in					
68308-10-1	the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		
	Tail gas (petroleum), straight-run naphtha					
	hydrodesulfurizer; Refinery gas; [A complex					
	combination obtained from the					
	hydrodesulfurization of straight-run					
	naphtha. It consists of hydrogen and					
	hydrocarbons having carbon numbers					
	predominantly in the range of C1 through					
68952-80-7	C5.]	Cancer		Maine (EU Carcinogen)		
	Tail gas (petroleum), thermal cracked					
	hydrocarbon fractionation stabilizer,					
	petroleum coking; Petroleum gas; [A					
	complex combination of hydrocarbons					
	obtained from the fractionation					
	stabilization of thermal cracked					
	hydrocarbons from petroleum coking					
	process. It consists of hydrocarbons having					
	carbon numbers predominantly in the					
68952-82-9	range of C1 through C6.	Cancer		Maine (EU Carcinogen)		X



			Persistent, Bioaccumulative,			
			Toxic or very			
			Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
	Tail and to studie was the sunsel and also					
	Tail gas (petroleum), thermal-cracked distillate, gas oil and naphtha absorber;					
	petroleum gas; [A complex combination of					
	hydrocarbons obtained from the separation					
	of thermal-cracked distillates, naphtha and					
	gas oil. It consists predominantly of					
	hydrocarbons having carbon numbers					
	predominantly in the range of C1 through					
68952-81-8	C6.]	Cancer		Maine (EU Carcinogen)		x
	Tail gas (petroleum), vacuum gas oil					
	hydrodesulfurizer, hydrogen sulfide-free;					
	Petroleum gas; [A complex combination of					
	hydrocarbons obtained from catalytic					
	hydrodesulfurization of vacuum gas oil and					
	from which hydrogen sulfide has been					
	removed by amine treatment. It consists					
	predominantly of hydrocarbons having					
	carbon numbers predominantly in the					
68308-12-3	range of C1 through C6.]	Cancer		Maine (EU Carcinogen)		X
	Tail gas (petroleum), vacuum residues					
	thermal cracker; Petroleum gas; [A complex					
	combination of hydrocarbons obtained					
	from the thermal cracking of vacuum					
	residues. It consists of hydrocarbons having					
	carbon numbers predominantly in the					
68478-34-2	range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		х
				Maine (CA Prop 65; IARC); WA		
N/A	Talc containing asbestiform fibers	Cancer		Appen2		
101316-83-0	Tar brown-coal	Cancer		Maine (EU Carcinogen)		
101316-84-1	Tar, brown-coal, low-temp.	Cancer		Maine (EU Carcinogen)	Dti-id-	
34014-18-1	Tebuthiuron	Body weight		IRIS; WA Appen1	Pesticide	
5902-51-2	 Terbacil	Development		Maine (CA Prop 65); WA Appen1	Pesticide	
3332 32 2				Maine (EU Endocrine Disruptor);		
886-50-0	Terbutryn	Endocrine system		WA Appen1	Pesticide (EPA reg. cancelled)	
				Maine (OSPAR Chemicals of		
26140-60-3	Terphenyl		х	Concern); WA Appen1	Heat transfer agent	х
				Maine (OSPAR Chemicals of		
61788-33-8	terphenyl, chlorinated		Х	Concern); WA Appen1	In pesticides	
2502.45.0	Towards	Company		Maine (CA Desar CE) WAA	Destinide	
2593-15-9	Terrazole	Cancer		Maine (CA Prop 65); WA Appen1	Gasoline additive	, ,
994-05-8	tert-Amyl methyl ether	Development		CA Prop 65; WA Appen1	Dasonne additive	Х



CAS Number	Chemical Name	Health endpoint(s)	Persistent, Bioaccumulative, Toxic or very Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
F0 22 0	Tootootoup and its optous	Connect		Maine (CA Duen CE), MA Annon1	Diama dian kananah	
58-22-0	Testosterone and its esters	Cancer		Maine (CA Prop 65); WA Appen1 Maine (EPA Final PBT Rule for	Biomedicarresearch	
				TRI; TRI PBT Chemical List; EPA		
				Priority PBT; WA PBT List; OSPAR		
				Chemicals of Concern; OSPAR		
				Chemicals for Priority Action);		
				WA Appen1; WA CHCC; Oregon	Flame retardant on electronic circuit	
79-94-7	Tetrabromobisphenol A		x	P3 List	boards, plasticizer	x
73317	reads one signerior.		,	Maine (EU Endocrine Disruptor);	Sources, prostroizer	^
1461-25-2	Tetrabutyltin (TTBT)	Endocrine system		WA Appen1	Stabilizer, rust inhibiting agent	x
		22320100		Maine (CA Prop 65; IARC; NTP		
		Cancer, Eyes, Nervous		11th ROC); WA Appen1; WA	Textile industry for dry-cleaning,	
127-18-4	Tetrachloroethylene (Perchloroethylene)	system, Respiratory system		CHCC; Minnesota HRV	processing, finishing, scouring, solvent	x
				Maine (WA PBT List; OSPAR	, , , , , , , , , , , , , , , , , , , ,	
	Tetrachloronaphthalene [Polychlorinated			Chemicals of Concern); WA		
1335-88-2	[naphthalenes]		х	Appen1; Oregon P3 List	Capacitors - electric cable coverings	
				111111111111111111111111111111111111111	0	
3689-24-5	Tetraethyldithiopyrophosphate (Sulfotep)	Nervous system		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
		ĺ			Solvent for sulfur, acid gases, various	
					resins and dyes, saponifying agent for	
112-57-2	Tetraethylenepentamine (TEPA)	Skin		OECD - SIDS/SIAR	acidic materials	x
	,			·	Preparation of propellants for food	
				Maine (CA Prop 65; NTP 11th	product aerosols, monomer for	
116-14-3	Tetrafluoroethylene	Cancer		ROC); WA Appen1	polytetrafluoroethylene resins	x
	·				Solvent for aromatics extraction in	
		Development, Kidney,			petroleum refining, curing agent,	
126-33-0	Tetrahydrothiophene 1,1-dioxide	Reproduction		OECD - SIDS/SIAR	pharmaceutical	x
137-26-8	Tetramethyl thiuram disulfide (TMTD); (Thiram)	Body weight, Development, EU Endocrine Disruptor, Liver, Skin		Maine (EU Endocrine Disruptor); WA Appen1; EPA - HC	For vulcanization of rubbers products and tires, pesticides	x
		Bladder, Cardiovascular				
75-59-2	Tetramethylammonium hydroxide	system, Eyes, Skin		OECD - SIDS/SIAR	Semiconductor and electronics industry	Х
				Maine (EU PBT List; OSPAR		
				Chemicals of Concern); WA		
75-74-1	Tetramethyllead		Х	Appen1	Anti-knock additive for gasoline	
509-14-8	Tetranitromethane	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Rocket fuel, propellant	
	Tetrasiloxane, 1,1,3,3,5,5,7,7-octamethyl-			Maine (Canada PBiT); WA		
1000-05-1			х	Appen1		
2227-13-6	tetrasul		X	Maine (OSPAR Chemicals of Concern; OSPAR Chemicals for Priority Action); WA Appen1	Pesticide (EPA reg. cancelled)	



			Persistent, Bioaccumulative,			
			Toxic or very Persistent, very			HPV (2006 and 3 of 4
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
7440-28-0	Thallium salts	Liver		WA Appen1; Minnesota HRL	Coal burning and smelting	
79277-27-3	Thifensulfuron-methyl (Harmony)	Blood, Body weight		IRIS; WA Appen1	Pesticide	
				Maine (CA Prop 65; NTP 11th	Inorganic chemical analysis, motor fuel	
62-55-5	Thioacetamide	Cancer		ROC); WA Appen1	stabilizer	
		Blood chemistry, Body				
28249-77-6	Thiobencarb	weight		IRIS; WA Appen1	Pesticide	
50000 20 0	This disamb	Company		Maine (CA Bran CE), MA Annon	Dootisida	
59669-26-0	Thiodicarb	Cancer		Maine (CA Prop 65); WA Appen1	For genetic marker in research,	
154-42-7	 Thioguanine	Development		Maine (CA Prop 65); WA Appen1		
134-42-7	Thiols, C8-20, γ - ω -perfluoro, telomers with	Development		Maine (Canada PBiT); WA	pharmaceutical	
70969-47-0	acrylamide		x	Appen1	AFFF (Aqueous film forming foam)	
70303 17 0	aci yiaiiiiac		^	, ippeni	rarr (riqueous illin forming rouni)	
23564-05-8	Thiophanate methyl	Reproduction		Maine (CA Prop 65); WA Appen1	Pesticide, pharmaceutical	
	,	·				
				Maine (CA Prop 65; NTP 11th	Fire retardant, hair dyes, boiler water	
62-56-6	Thiourea	Cancer		ROC); WA Appen1; WA CHCC	treatment, photography chemicals	
				Maine (CA Prop 65; NTP 11th		
1314-20-1	Thorium dioxide	Cancer		ROC); WA Appen1	High temperature mantles	
13463-67-7	Titanium dioxide	Respiratory system		HSDB; WA Appen1	Pigment, pharmaceutical	Х
		Eyes, Development,		Maine (CA Prop 65); WA		
400 00 0		Immune system, Nervous		Appen1; WA CHCC; Minnesota		
108-88-3	Toluene	system, Respiratory system		HRL; Minnesota HBV	Dyes, paints, lacquers, inks, fabric	X
					Polyurethane foams, elastomers,	
		Eyes, Respiratory system,			coatings, hardener for polyurethane	
584-84-9	Toluene 2,4-diisocyanate	Skin		HSDB	adhesives and finishes	x
304 04 3	Totache 2,4 diisocyanate	SKIII		Maine (CA Prop 65; NTP 11th	dulicaves and imianes	^
					In polyurethane foams, cross-link in	
26471-62-5	Toluene diisocyanate	Cancer, Respiratory system			nylon 6	х
	,	, , , , ,			,	
				Maine (CA Prop 65; IRIS; NTP		
				11th ROC; EU Endocrine		
				Disruptor; EPA Final PBT Rule for		
				TRI; TRI PBT Chemical List; EPA		
				Priority PBT; WA PBT List; OSPAR		
				Chemicals of Concern); WA		
8001-35-2	Toxaphene	Cancer, Endocrine system	Х	Appen1; Minnesota HRL	Pesticide (EPA reg. cancelled)	
66841-25-6	Tralomethrin	Body weight		IRIS; WA Appen1	Pesticide	
				NAVA Assessed a IDIC Addressed	Solvent for waxes, resins, and	
150 00 5	tunna 1.2 Diable ve ethodere	Liven		WA Appen1; IRIS; Minnesota	acetylcellulose, solvent for fats,	
156-60-5	trans-1,2-Dichloroethylene	Liver	1	HRL	phenols, camphor	X



			Persistent, Bioaccumulative, Toxic or very			
CAS Number	Chemical Name	Health endpoint(s)	Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
	2 (/S) 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -					
55738-54-0	trans-2-[(Dimethylamino)methylimino]-5-[2-(5-nitro-2-furyl)vinyl]-1,3,4-oxadiazole	Cancer	x	Maine (CA Prop 65); WA Appen1		
33738-34-0	(3-11110-2-101 y1)v111y1]-1,3,4-0xau1a201e	Cancer	^	Walle (CATTOP 03), WA Appell		
				Maine (EU Endocrine Disruptor);		
39765-80-5	Trans-Nonachlor	Endocrine system	х	WA Appen1; Oregon P3 List	Pesticide (not EPA registered)	
		Development,				
43121-43-3	Triadimefon	Reproduction		Maine (CA Prop 65); WA Appen1	Pesticide	
101200-48-0	Tribenuron-methyl (Express)	Blood chemistry		IRIS; WA Appen1	Pesticide	
					Plasticizer, hydraulic fluid, antifoam	
126-73-8	Tributyl phosphate (TBP)	Bladder		OECD - SIDS/SIAR; WA Appen1	agent, extratant	Х
				Maine (EU Endocrine Disruptor);		
26636-32-8	Tributyltinnaphthalate	Endocrine system		WA Appen1	Non-ionic detergent	
047.00.4	The second section (The second section is a second section).			MARINE (CA Dece CE) MAA A		
817-09-4	Trichlormethine (Trimustine hydrochloride)	Cancer		Maine (CA Prop 65); WA Appen1		
12002-48-1	Trichlorobenzene	Endocrino cystom		Maine (EU Endocrine Disruptor); WA Appen1	Dye carriers, heat transfer medium	
12002-46-1	Tricinoroberizerie	Endocrine system		Maine (CA Prop 65; IARC; NTP	bye carriers, fleat transfer flieddin	
				11th ROC); WA Appen1;		
		Development, Liver,		Minnesota HRL-EPA -MCL;		
79-01-6	Trichloroethylene	Reproduction		Minnesota HRV	 Solvent, degreaser	X
				Maine (WA PBT List; OSPAR		
	Trichloronaphthalene [Polychlorinated			Chemicals of Concern); WA	Lubricants mfg in electrical wire	
1321-65-9	naphthalenes]		х	Appen1; Oregon P3 List	insulation	
				Maine (Canada PBiT); WA		
64111-81-5	Triclosan		Х	Appen1	Antimicrobial	
	Triclosan [2,4,4'-trichloro-2'-					
3380-34-5	hydroxydiphenyl ether]		Х	Oregon P3 List	Disinfectant	
				Maine (EU Carcinogen; REACH		
				Substances of Very High		
15606-95-8	triethyl arsenate	Cancer		Concern); WA Appen1	Semiconductor doping agent	
				Maina (FII Forda origa Diamontor)		
				Maine (EU Endocrine Disruptor; EPA Final PBT Rule for TRI; TRI		
				PBT Chemical List; NWM Priority		
				Chemicals; OSPAR Chemicals of		
				Concern; OSPAR Chemicals for		
				Priority Action; Canada PBiT);		
1582-09-8	Trifluralin	Endocrine system	x	WA Appen1; Oregon P3 List	Pesticide	
		.,		71 72 502 113 253		
26644-46-2	Triforine	Development		Maine (CA Prop 65); WA Appen1	Pesticide	
					Curing agent for polyester powder	
2451-62-9	Triglycidyl isocyanurate	Skin		HSDB	coatings	х
		Liver, Reproduction,				
5419-55-6	Triisopropylborate	Spleen, Thyroid		EPA - HC	Pharmaceutical mfg, lubricant additive	X



CAS Number	Chemical Name	Health endpoint(s)	Persistent, Bioaccumulative, Toxic or very Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
552-30-7	Trimellitic Anhydride (TMA)	Respiratory system		OECD - SIDS/SIAR	Plasticizers, adhesives, polymers, dyes	x
		Eyes, Respiratory system,				
2487-90-3	Trimethoxysilane	Skin		OECD - SIDS/SIAR	Manufacture of organosilanes	Х
512-56-1	Trimathyl phasphata	Concor		Maine (CA Prop 65): WA Append	Control of spark fouling, gasoline additive, chemical intermediate	
312-30-1	Trimethyl phosphate	Cancer		Maine (CA Prop 65); WA Appen1	Solvent, dye assistant, phase transfer	
56-93-9	Trimethylbenzylammonium chloride	Mortality		NTP	catalyst	х
		,		Maine (EU Endocrine Disruptor);		
2279-76-7	Tri-n-propyltin (TPrT)	Endocrine system		WA Appen1		
101-02-0	Triphenyl phosphite	Nervous system, Skin		HSDB	Chemical intermediate, rubber industry	Х
217-59-4	Triphenylene		V	Maine (OSPAR Chemicals of Concern); WA Appen1	Combustion by-product	
217-39-4	Triphenylene		X	Concern), WA Appeni	Flame retardant in plastics, secondary	
13674-87-8	Tris(1,3-dichloro-2-propyl)phosphate	Kidney, Liver		HSDB; WA Appen1	plasticizer	х
		,		Maine (CA Prop 65; IARC; NTP		
126-72-7	Tris(2,3-dibromopropyl)phosphate (tris)	Cancer		11th ROC); WA Appen1	Flame retardant	
115-96-8	Tris(2-chloroethyl) phosphate	Cancer, Reproduction			Additive plasticizer and viscosity regulator with flame-retarding properties, in flexible urethane foam	
3555-47-3	Trisiloxane, 1,1,1,5,5,5-hexamethyl-3, 3-bis[(trimethylsilyl)oxy]-		x	Maine (Canada PBiT); WA Appen1	Defoamer, emulsion breaker	
3333 47 3	Sist(timicenyishyi)oxyj		^	Maine (Canada PBiT); WA	beroamer, emaision breaker	
107-51-7	Trisiloxane, octamethyl-		х	Appen1		
62450-06-0	Trp-P-1 (Tryptophan-P-1)	Cancer		Maine (CA Prop 65); WA Appen1	Charred fish	
62450-07-1	Trp-P-2 (Tryptophan-P-2)	Cancer		Maine (CA Prop 65); WA Appen1	Charred fish	
72-57-1	Trypan blue (commercial grade)	Cancer		Maine (CA Prop 65); WA Appen1	Dye, pharmaceutical	
8006-64-2	Turpentine oil	Eyes, Skin		HSDB	Solvent and diluent	Х
	Urea, N-(4-chlorophenyl)-N'-(3,4-			Maine (OSPAR Chemicals of		
101-20-2	dichlorophenyl)- (Triclocarban)		х	Concern); WA Appen1	Disinfectant	
				Maine (CA Prop 65; IARC; NTP	Preparation of amino resins, solubilizer,	
51-79-6	Urethane (Ethyl carbamate)	Cancer, Development		11th ROC); WA Appen1	chemical intermediate	
77-52-1	Urs-12-en-28-oic acid, 3-hydroxy-, (3ß)-			Maine (Canada PBiT); WA		
77-32-1	Vanadium pentoxide (orthorhombic		X	Appen1 Maine (CA Prop 65); WA		
1314-62-1	crystalline form)	Cancer, Respiratory system		Appen1; Minnesota HRV	From burning fuel oil	x (2006)
1929-77-7	Vernolate (Vernam)	Body Weight		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	(12 - 7
					Plastic, films, lacquers, food packaging, safety glass interlay, polymers for	
108-05-4	Vinyl acetate	Respiratory system		WA Appen1; Minnesota HRV	coating	х



			Persistent,			
			Bioaccumulative,			
			Toxic or very			HPV (2006 and 3 of 4
			Persistent, very			
CAS Number	Chemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years) ¹
					Comonomer with acrylonitrile for	
				Maine (CA Prop 65; IARC; NTP	fabrics, granular products, used in	
593-60-2	Vinyl bromide	Cancer		11th ROC); WA Appen1	leather and fabricated metal products	
333-00-2	viiiyi biolilide	Carreer		Titil ROCJ, WA Appeni	leather and labricated metal products	
				Maine (CA Prop 65; IARC; EU		
				Carcinogen; IRIS; NTP 11th ROC);		
75 01 4	Viscolada sida	Canaan Liver		WA Appen1; WA CHCC;	Diagram a superior de ancient a mathematic	
75-01-4	Vinyl chloride	Cancer, Liver			Plastics, organic chemical synthesis	X
75.02.5	No. 10			Maine (CA Prop 65; IARC; NTP		
75-02-5	Vinyl fluoride	Cancer		11th ROC); WA Appen1	Production of polyvinyl fluoride	X
		Nervous system,			Resins, coating, chemical intermediate	
25013-15-4	Vinyl toluene	Respiratory system		HSDB; NTP	in insecticides	X
				Maine (CA Prop 65); WA	Solvent, production of vinylidine	
79-00-5	Vinyl trichloride (1,1,2-Trichloroethane)	Cancer, Immune system		Appen1; Minnesota HRL	chloride	Х
				Maine (CA Prop 65; EU		
		Development, Endocrine		Reproductive Toxicant); WA		
81-81-2	Warfarin	system		Appen1	Pesticide, anticoagulant	
	Xanthylium, 9-(2-carboxyphenyl)-3,6-					
	bis(diethylamino)-, salt with mono-C10-14-			Maine (Canada PBiT); WA		
85186-47-6	alkylbenzenesulfonic acid (1:1)		Х	Appen1		
		Eyes, Nervous system,		WA Appen1; Minnesota HRL;		
1330-20-7	Xylene	Respiratory system		Minnesota HRV	Solvent, herbicide, feedstock	X
				IRIS; WA Appen1; Minnesota	Galvanizing sheet metal, coatings for	
7440-66-6	Zinc	Blood chemistry		HRL	metals	x (2006)
13530-65-9	Zinc chromates	Cancer		Maine (EU Carcinogen)		
		Nervous system, Thyroid,				
557-21-1	Zinc cyanide	Weight Loss		IRIS; WA Appen1	Electroplating, metal plating	
1314-84-7	Zinc phosphide	Body Weight		IRIS; WA Appen1	Pesticide	
37224-57-0	zinc potassium chromate	Cancer		Maine (EU Carcinogen)		
					Dusting powders, pharmaceutical,	
557-05-1	Zinc Stearate	Respiratory system		HSDB; WA Appen1	astringent	X
	Zinc, bis[O,O-bis(1,3-dimethylbutyl)			Maine (Canada PBiT); WA		
2215-35-2	phosphorodithioato-S,S']-, (T-4)-		х	Appen1	Oils	х
				Maine (EU Endocrine Disruptor);		
12122-67-7	Zineb	Endocrine system		WA Appen1	Pesticide (EPA reg. cancelled)	
	Zirconium Aluminosilicate Refractory			REACH Substances of Very High		
N/A	Ceramic Fibers	Cancer		Concern		
	α-Chlorinated toluenes (benzal chloride,					
	benzo-trichloride, benzyl chloride) and					
98-87-3	benzoyl chloride (combined exposures)	Cancer		Maine (IARC); WA Appen1	Preparation of benzoyl chloride	



CAS Number	Chemical Name	Health and point (c)	Persistent, Bioaccumulative, Toxic or very Persistent, very Bioaccumulative	Source(s)	Use example(s) or class	HPV (2006 and 3 of 4 years) ¹
CAS Number	Cnemical Name	Health endpoint(s)	Bioaccumulative	Source(s)	Use example(s) or class	years)
	α-Chlorinated toluenes (benzal chloride,					
	benzo-trichloride, benzyl chloride) and				Introduction of benzoyl group into	
98-88-4	benzoyl chloride (combined exposures)	Cancer		Maine (IARC); WA Appen1	alcohols, phenols, and amine	х

¹ A record with "x (2006)" in the column " HPV (2006 and 3 of 4 years)" indicates an inorganic chemical reported at 1 million or more pounds on the 2006 Inventory Update Reporting inventory. Reporting of inorganic chemicals was not required prior to the 2006 inventory.

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