			B			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
				Maine (CA Prop 65; IARC; IRIS; NTP	Wood and textiles finishes,	
50-00-0	Formaldehyde	Cancer, Respiratory		11th ROC); WA Appen1; WA CHCC;	disinfection, tissue	
50-00-0	Formaldenyde	system, Eye irritant		Minnesota HRV; Minnesota RAA	preservative	x
50-00-0	Formaldehyde (in water)	Gastrointestinal		Minnesota HRL	Contaminant	
30 00 0	romaidenyde (iii water)	system				
50-29-3	DDT, technical, p,p'DDT	Endocrine system		EU Category 1 Endocrine disruptor	pesticide	
	то тупот по то					
				, , , , , ,	PAH (chem-class)	
				11th ROC; OSPAR Chemicals of		
				Concern; EuC Endocrine Disruptor		
50-32-8	Benzo(a)pyrene	Cancer, Endocrine	х	Priority List; EPA Final PBT Rule for		x
		system		TRI; EPA Priority PBT); Oregon P3		
				List; WA Appen1; Minnesota HRV		
				WA Appen1; Minnesota HRL	Dyes and diaminophenol	
				WA Appent; Willinesota HKL	mfg, wood preservation,	
51-28-5	2,4-Dinitrophenol	Eyes			pesticide, pharmaceutical	
					pesticide, priarmaceuticai	
				Maine (CA Prop 65; IARC; NTP 11th	Preparation of amino resins.	
51-79-6	Urethane (Ethyl carbamate)	Cancer, Development		ROC); WA Appen1	solubilizer, chemical	
	, , , , , , , , , , , , , , , , , , , ,	, , , , , , , , ,		//	intermediate	
				Maine (CA Prop 65; IARC; IRIS; NTP	Research; PAH (chem-class)	
				11th ROC; EPA Final PBT Rule for		
53-70-3	Dibenzo(a,h)anthracene	Cancer	х	TRI; WA PBT List; OSPAR Chemicals		
				of Concern); WA Appen1; Oregon		
				P3 List		
53-96-3	2 Acatulaminofluorono	Cancor		Maine (CA Prop 65; NTP 11th ROC);	Research	
33-90-3	2-Acetylaminofluorene	Cancer		WA Appen1		
55-18-5	N-Nitrosodiethylamine	Cancer		Maine (CA Prop 65; IARC; IRIS; NTP	Lubricant, antioxidant,	
	14 1410 030 dietriylanine	Caricer		11th ROC); WA Appen1	plastics stabilizer	
					Pesticide (EPA reg.	
56-23-5	Carbon tetrachloride	Cancer		ROC); WA Appen1; Minnesota HRL	cancelled), fire reduction,	x
20 20 3	Ca. 2511 Cett dellioride	Curicei			solvent, fumigant, dry	
					cleaning	



	1		Persistent,			
			· · · · · · · · · · · · · · · · · · ·			
			Bioaccumulative,			
			Toxic (PBT) or very			High Duaduation
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
56-35-9	Bis(tributyltin)oxide (TBTO)	Endocrine system	х	Maine (EuC Endocrine Disruptor Priority List; EU PBT List; OSPAR Chemicals of Concern; ECHA Substances of Very High Concern; Canada PBiT); WA Appen1; Oregon P3 List	Antimicrobials, slimasides	
56-49-5	3-Methylcholanthrene	Cancer, Endocrine system	х	Disruptor Priority List; EPA Final PBT Rule for TRI; WA PBT List; OSPAR Chemicals of Concern); WA Appen1	Research	
56-55-3	Benzo(a)anthracene	Cancer	x	Maine (CA Prop 65; IRIS; NTP 11th ROC; EPA Final PBT Rule for TRI; OSPAR Chemicals of Concern); WA Appen1; Oregon P3 List	Research; PAH (chem-class)	
56-93-9	Trimethylbenzylammonium chloride	Systemic Toxicity		NTP	Solvent, dye assistant, phase transfer catalyst	x
56-95-1	2,4,11,13- Tetraazatetradecanediimidamide, N,N"-bis(4-chlorophenyl)-3,12- diimino-, diacetate		х	Maine (Canada PBiT); WA Appen1	Biocide	
57-12-5	Cyanide, free	Nervous system, Thyroid, Weight Loss		1	Electroplating, chemicals mfg, naturally occurring in some foods	
57-14-7	1,1-Dimethylhydrazine (UDMH)	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Rocket fuel or propellant, photography, plant growth regulators	
57-24-9	Strychnine	Nervous system		HSDB; IRIS; WA Appen1	Pesticide, pharmaceutical	
57-74-9	Chlordane	Cancer, Endocrine system	х	Maine (CA Prop 65; OSPAR Chemicals of Concern; EuC Endocrine Disruptor Priority List; EPA Final PBT Rule for TRI; TRI PBT Chemical List; EPA Priority PBT; WA PBT List); WA Appen1	Pesticide (EPA reg. cancelled)	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
	Chemical Name	Hoolth Endnoint/o		Saurania)	Chemical Class	Chemical <sup>1</sup>
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s) Maine (CA Prop 65; Canada PBiT;	Antimicrobial	Chemicai
				NTP 11th ROC; OSPAR Chemicals of		
				Concern; EuC Endocrine Disruptor		
58-89-9	Hexachlorocyclohexane, gamma-,	Cancer; Endocrine	x	Priority List; NWM Priority		
36-63-3	(Lindane)	system	^	Chemicals; OSPAR Chemicals of		
				Concern); WA Appen1; Oregon P3		
				List		
58-90-2	2,3,4,6-Tetrachlorophenol	Liver		IRIS; WA Appen1	Pesticide, preservative	
30 30 2	2,3,4,0 Tetraemorophenor	LIVEI		Maine (CA Prop 65; NTP 11th ROC);		
59-89-2	N-Nitrosomorpholine	Cancer		WA Appen1	Solvene, enermear synthesis	
				Maine (CA Prop 65); WA Appen1	Dye	
60-09-3	p-Aminoazobenzene (Aniline Yellow)	Cancer		(e, ep ee , , ,		
				Maine (CA Prop 65; NTP 11th ROC);	pH indicators - spot tests	
60-11-7	4-Dimethylaminoazobenzene	Cancer		WA Appen1	, , , , , , , , , , , , , , , , , , , ,	
		5 6 1: 1		OECD - SIDS/SIAR	Dyestuff, chemical	
60-24-2	2-Mercaptoethanol	Eyes, Cardiovascular		·	intermediate, chemical mfg	x
		system, Liver, Skin				
60-35-5	Acetamide	Cancer		Maine (CA Prop 65); WA Appen1	Solvent, plasticizer,	
00-33-3	Acetamide	Cancer			stabilizer, humectant	
60-51-5	Dimethoate	Nervous system		IRIS; WA Appen1	Pesticide	
				Maine (CA Prop 65; IRIS; EPA	Pesticide (not EPA	
		Cancer, Development,		Priority PBT; WA PBT List; OSPAR	registered)	
60-57-1	Dieldrin	Endocrine system,	x	Chemicals of Concern); WA		
00-37-1	Dielariii	Immune system, Liver,	^	Appen1; Oregon P3 List; Minnesota		
		Nervous system		HRL		
		Cancer, Endocrine		Maine (CA Prop 65; NTP 11th ROC;	Pesticide	
61-82-5	Amitrole	system		EuC Endocrine Disruptor Priority		
		37312		List); WA Appen1		
62-38-4	Phenylmercuric Acetate	Kidney		IRIS; WA Appen1	Preservative	
62-50-0	Ethyl methanesulfonate	Cancer		Maine (CA Prop 65; NTP 11th ROC);	•	
-	,			WA Appen1	chemical mfg	
				Maine (CA Prop 65; IRIS); WA	Chemical mfg, (polyurethane	
62-53-3	Aniline	Cancer		Appen1; WA CHCC	foam, varnishes, perfumes, printing inks)	x



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
Nullibel	CHEIIICAI IVAIIIE	Health Eliupoliit(s)	(VPVD)	Maine (CA Prop 65; NTP 11th ROC);		Cileilicai
				WA Appen1	motor fuel stabilizer,	
				WA Appeni	accelerator in vulcanization	
62-55-5	Thioacetamide	Cancer			of buna rubber; former uses	
02-33-3	moacetamide	Cancer			· ·	
					as solvent in leather, textile,	
					paper industries	
				Maine (CA Prop 65; NTP 11th ROC);	Fire retardant, hair dyes,	
62-56-6	Thiourea	Cancer		WA Appen1; WA CHCC	boiler water treatment,	х
					photography chemicals	
62-73-7	DDVP (Dichlorvos)	Cancer, Nervous		Maine (CA Prop 65; IRIS); WA	Pesticide	
02-73-7	DDVP (Dictilorvos)	system		Appen1; Minnesota HRV		
62-74-8	Sodium fluoroacetate	Reproduction		Maine (CA Prop 65); WA Appen1	Pesticide	
C2 7F 0	N. Nitara and irrathy descript	Cancer		Maine (CA Prop 65; IARC; IRIS; NTP	Industrial solvent,	
62-75-9	N-Nitrosodimethylamine	Cancer		11th ROC); WA Appen1	antioxidant	
				Maine (EuC Endocrine Disruptor	Pesticide	
63-25-2	Carbaryl	Endocrine system		Priority List); WA Appen1		
				Maine (CA Prop 65; IARC); WA	Solvent, fuel, cosmetics,	
C4 47 F	Ethonol	C		Appen1	drinks, antifreeze,	
64-17-5	Ethanol	Cancer, Development			detergents, hair spray,	х
					fragrances, lotions	
C4 40 C	Famoria a stal	F		HSDB; WA Appen1	Pesticide, acidulating agent	
64-18-6	Formic acid	Eyes			in dyeing, solvent	Х
				Maine (CA Prop 65; IARC; NTP 11th	Ethylating agent, chemical	
64-67-5	Diethyl sulfate	Cancer		ROC); WA Appen1	intermediate in dye mfg	
66-27-3	Methyl methanesulfonate	Cancer		Maine (CA Prop 65; IARC; NTP 11th	Research, catalyst	
•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	3611001		ROC); WA Appen1		
				Cal Prop 65	solvent, antifreeze, fuel,	
				(reproductive/developmental)	chemical production, paint,	
67-56-1	methanol	Development			adhesive, detergent, home	x
					cleaners	
		Cancer, Development,		Maine (CA Prop 65; IRIS; NTP 11th	Solvent	
67-66-3	Chloroform	Immune system,		ROC); WA Appen1; Minnesota HRL;		×
07-00-3	Cilioroffii	Reproduction		Minnesota HRV		^
		Reproduction				



			Persistent,			
			Bioaccumulative.			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
	Chamical Name	Hoolth Fuducint/s)		Source(s)	* * * * * * * * * * * * * * * * * * * *	Chemical <sup>1</sup>
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemicai
				Maine (CA Prop 65; NTP 11th ROC; NWM Priority Chemicals; OSPAR	Organic chemical synthesis, pyrotechnics, solvent	
67-72-1	Hexachloroethane	Cancer	х	Chemicals of Concern); WA Appen1	l' '	
				Chemicals of concern, WA Appens		
68-12-2	N,N-dimethylformamide	Liver		OECD - SIDS/SIAR; WA Appen1;	Solvents, chemical	x
00 12 2		LIVE		Minnesota HRV	intermediates, paints	^
70-25-7	N-Methyl-N'-nitro-N-	Cancer		Maine (CA Prop 65; IARC; NTP 11th	Research	
	nitrosoguanidine			ROC); WA Appen1		
70.00.4	phenol, 2,2'-methylenebis[3,4,6-			Maine (OSPAR Chemicals of	Antibacterial, disinfectant,	
70-30-4	trichloro-		X	Concern); WA Appen1; Oregon P3	pesticide (EPA reg.	
				Maine (CA Prop 65; IARC; EU	cancelled) Inks, rubbers, lacquers, paint	
		Blood, Cancer,		Carcinogen; IRIS; NTP 11th ROC);	remover, gasoline additive	
71-43-2	Benzene	Development,		WA Appen1; WA CHCC; Minnesota	remover, gasonine additive	x
		Immune system,		HRL; Minnesota HRV		
		Reproduction				
				ECHA Substances of Very High	bleaching agent and drier for	
71-48-7	Cobalt(II) diacetate	Reproduction, Cancer		Concern	lacquers, varnishes	x
				Maine (CA Dress CE, WA DDT Lists	Docticido (FDA nos	
				Maine (CA Prop 65; WA PBT List; OSPAR Chemicals of Concern); WA	Pesticide (EPA reg. cancelled)	
72-20-8	Endrin	Development	х	Appen1; Oregon P3 List	canceneu)	
				Appeni, oregon i 3 List		
				Maine ( EuC Endocrine Disruptor	Pesticide (EPA reg.	
				Priority List; EPA Final PBT Rule for	cancelled)	
				TRI; TRI PBT Chemical List; NWM		
72-43-5	Methoxychlor	Endocrine system	x	Priority Chemicals; OSPAR		
		2.1.000.11.007.000111		Chemicals of Concern; OSPAR		
				Chemicals for Priority Action); WA		
				Appen1		
				Maine (CA Prop 65; IRIS; EuC	Pesticide (EPA reg.	
	honzono 1 1' /2 2	Cancer, Endocrine		Endocrine Disruptor Priority List;	cancelled)	
72-54-8	benzene, 1,1'-(2,2- dichloroethylidene)bis[4-chloro-	*	x	OSPAR Chemicals of Concern); WA		
	dictilor detriviluene/bis[4-cilloro-	system		Appen1; Oregon P3 List; Minnesota		
				HRL		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Sourco(s)	Chemical Class	Chemical <sup>1</sup>
Number	Chemical Name	Health Endpoint(s)	(VPVD)	Source(s) Maine (CA Prop 65; IRIS; EuC	Pesticide contaminant	Chemicai
				Endocrine Disruptor Priority List;	Pesticide contaminant	
72-55-9	benzene, 1,1'-	Cancer, Endocrine	x	OSPAR Chemicals of Concern); WA		
72 33 3	(dichloroethenylidene)bis[4-chloro-	system, Reproduction	*	Appen1; Oregon P3 List; Minnesota		
				HRL		
72-57-1	Trypan blue (commercial grade)	Cancer		Maine (CA Prop 65); WA Appen1	Dye, pharmaceutical	
		Development,		Maine (CA Prop 65); WA Appen1;	Refrigerant, fire	
74-83-9	Methyl bromide, as a structural	Nervous system,		Minnesota HRV	extinguisher, fumigant	
	fumigant	Respiratory				
74-83-9	Methyl bromide, in water	Gastrointestinal		WA Appen1; Minnesota HRL	Contaminant	
74-03-3	Wiethyr bronnae, in water	system				
				Maine (CA Prop 65); WA Appen1	Pharmaceutical, foaming	
74-87-3	Methyl chloride	Development			agent in plastics industry,	x
	,	·			catalyst, chemical mfg	
74-88-4	Methyl iodide	Cancer		Maine (CA Prop 65); WA Appen1	Ethylating agent,	
74-00-4	Wetnyriodide	Cancer			microscopy, etching	
				WA Appen1; Minnesota HRV	Pesticide (EPA reg.	
74-90-8	Hydrogen cyanide	Endocrine system,			cancelled), electroplating,	x
		Nervous system			metal mfg	
74.02.4	Dath a shirt (Dath I as see as	Body weight, Blood,		OECD - SIDS/SIAR	Gas odorant, chemical	
74-93-1	Methanethiol (Methyl mercaptan)	Spleen			manufacturing	x
74-95-3	Dibromomethane	Kidney, Liver		HSDB	Solvent, gauge fluid	
74-96-4	Bromoethane	Cancer		Maine (CA Prop 65); WA Appen1	Ethylating agent, chemical	
. 1 30 4	2. S. Mocchane				mfg	
		Development,		Maine (CA Prop 65); WA Appen1;	Chemical intermediate,	
75-00-3	Chloroethane (Ethyl chloride)	Endocrine system,		Minnesota RAA; Minnesota HRV	refrigerant, solvents,	
	, , ,	Nervous System,			pharmaceutical	
		Reproduction		Maine (CA Prop 65, IABC, 511	Diagtics arganic showing	
				Maine (CA Prop 65; IARC; EU Carcinogen; IRIS; NTP 11th ROC);	Plastics, organic chemical synthesis	
75-01-4	Vinyl chloride	Cancer, Liver		WA Appen1; WA CHCC; Minnesota	Synthesis	x
, 5-01-4	viiiyi cinoride	Cancel, Livel		HRL; Minnesota HRV		^
75-02-5	Vinul fluorido	Corser		Maine (CA Prop 65; IARC; NTP 11th	Production of polyvinyl	
73-02-5	Vinyl fluoride	Cancer		ROC); WA Appen1	fluoride	



			Persistent,			
			Bioaccumulative,			
			•			
			Toxic (PBT) or very			<b>High Production</b>
			Persistent, very			_
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
75-05-8	Acetonitrile	Mortality		WA Appen1; Minnesota HRV	Pesticides mfg, rubber, dyes	х
75-07-0	Acetaldehyde	Cancer		Maine (CA Prop 65; IRIS; NTP 11th ROC); WA Appen1; WA CHCC; Minnesota HRV	Organic chemical synthesis, flavoring, chemical intermediate	х
75-09-2	Methylene Chloride (Dichloromethane)	Cancer, Liver, Nervous system		Maine (CA Prop 65; IRIS; NTP 11th ROC); WA Appen1; WA CHCC; Minnesota HRL-EPA-MCL; Minnesota HRV	Solvent, chemical intermediate	х
75-12-7	Formamide	Reproduction		ECHA Substances of Very High Concern	chemical intermediate, sofener (paper, glue), pharmaceutical solvent	
75-15-0	Carbon disulfide	Development, Nervous system, Reproduction		Maine (CA Prop 65); WA Appen1; WA CHCC; Minnesota HRL; Minnesota HRV	Pesticide (EPA reg. cancelled), rayon mfg	х
75-21-8	Ethylene oxide	Cancer, Development, Reproduction		Maine (CA Prop 65; IARC; NTP 11th ROC); WA Appen1	Chemical intermediate, fumigant	х
75-25-2	Bromoform	Cancer		Maine (CA Prop 65; IRIS); WA Appen1; Minnesota HRL	Solvent, intermediate in chemical mfg, reagent	
75-26-3	2-Bromopropane	Reproduction		Maine (CA Prop 65; EU Reproductive Toxicant; NTP CERHR); WA Appen1	Synthesis of dyes, pharmaceuticals, organic chemicals	
75-27-4	Bromodichloromethane	Cancer		Maine (CA Prop 65; IRIS; NTP 11th ROC); WA Appen1; Minnesota HRL	Reagent, organic synthesis	
75-28-5	Isobutane (containing 0.1 % butadiene (203-450-8))	Cancer		Maine (EU Carcinogen)	Propellant, gasoline, hair spray/styling, shaving cream, deodorant, laundry, starch, sunscreen, fragrances, arts/crafts products	х
75-34-3	1,1-Dichloroethane	Cancer, Nervous system		Maine (CA Prop 65); WA Appen1; Minnesota RAA	Solvent, extracting agent, fumigant	
75-35-4	1,1-Dichloroethylene (Vinylidene chloride)	Liver		WA Appen1; Minnesota HBV	Co-monomer in production of coatings, films, resins; organic synthesis	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
75-44-5	Phosgene	Respiratory system		WA Appen1; Minnesota HRV	Polymeric isocyanides mfg, pesticide mfg	
75-52-5	methane, nitro-	Cancer	х	Maine (CA Prop 65; NTP 11th ROC; NWM Priority Chemicals; OSPAR Chemicals of Concern); WA Appen1	Rocket and racing fuel, solvents for vinyls, epoxies, polyamides and acrylic polymers, model engine fuel, cleaning/washing products, personal care products	х
75-55-8	2-Methylaziridine (Propyleneimine)	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Polymer in textile and paper industry	
75-56-9	Propylene oxide	Cancer		Maine (CA Prop 65; IRIS; NTP 11th ROC); WA Appen1; Minnesota HRV	Pesticide, disinfectant	х
75-59-2	Tetramethylammonium hydroxide	Bladder, Cardiovascular system, Eyes, Skin		OECD - SIDS/SIAR	Semiconductor and electronics industry	х
75-60-5	Cacodylic acid	Cancer		Maine (CA Prop 65); WA Appen1	Desiccant, ripener, defoliant, pharmaceutical	
75-87-6	Chloral	Cancer		IARC 2A	chemical intermediate	х
75-99-0	Dalapon, sodium salt	Kidney		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
76-03-9	Trichloroacetic acid	Cancer		IARC 2B	solvent, selective herbicide, surface treatment of metals	
76-44-8	Heptachlor	Cancer, Development	х	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; Minnesota HRL	Pesticide (EPA reg. cancelled)	
76-60-8	Phenol, 4,4'-(3H-2,1-benzoxathiol- 3-ylidene)bis[2,6-dibromo-3-methyl-, S,S-dioxide		х	Maine (Canada PBiT); WA Appen1	pH indicator	



			Persistent,			
			*			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
			Persistent, very			Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
				Maine (CA Prop 65; OSPAR	Pesticide, antifouling	
76-87-9	stannane, hydroxytriphenyl-	Cancer, Development	х	Chemicals of High Concern); WA Appen1		
77-40-7	2,2-Bis(4-hydroxyphenyl)-n-butan =	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Plastic component	
77-40-7	Bisphenol B	Endocrine system		Priority List), WA Appeni		
		Kidney, Liver,		ATSDR; HSDB; IRIS; NTP; WA	Flame retardants mfg,	
77-47-4	Hexachlorocyclopentadiene	Respiratory system		Appen1	pesticide (EPA reg.	х
		nespiratory system			cancelled)	
77-52-1	Urs-12-en-28-oic acid, 3-hydroxy-, (3ß)-		x	Maine (Canada PBiT); WA Appen1		
		Adrenal glands, Eyes,		OECD - SIDS/SIAR; Minnesota HRV	Intermediate in production	
77-73-6	Dicyclopentadiene	Kidney, Liver, Skin			of resins, pesticides, plastics	Х
				Maine (CA Prop 65; IARC; IRIS; NTP	Ethylating agent, sulfating	
77-78-1	Dimethyl sulfate	Cancer		11th ROC); WA Appen1	agent (agrichemicals, dyes,	x
//-/8-1	Diffictify surface	Caricei			fabric softeners)	*
78-48-8	Merphos oxide (Tribufos)	Nervous system		IRIS; WA Appen1	Pesticide	
	Peroxide, (1,1,4,4-tetramethyl-1,4-			Maine (Canada PBiT); WA Appen1	Rubber mfg	
78-63-7	butanediyl)bis[(1,1-dimethylethyl) (Varox)		x			Х
				Maine (CA Prop 65; NTP 11th ROC);	Source of hydrocarbons for	
78-79-5	Isoprene	Cancer		OECD - SIDS/SIAR; WA Appen1	rubber mfg	х
				HSDB; WA Appen1	Synthesis of gasoline and	
78-82-0	2-Methylpropanenitrile	Eyes, Nervous system			pesticides, catalyst in	
76-62-0	2-ivietnyipropanemitnie	Eyes, Nervous system			polyethylene production,	
					solvent	
		Cancer, Respiratory		Maine (CA Prop 65); WA Appen1;	Solvent, dry-cleaning,	
78-87-5	1,2-Dichloropropane	system		Minnesota HRL; Minnesota HRV	pesticide (EPA reg. pesticide)	
				WA State CHCC	organic solvent;	
					manufacture of smokeless	
78-93-3	Methyl ethyl ketone	Development,			powder; colorless synthetic	x
		Systemic			resins; found in arts & crafts	ı î
					products	



			Persistent,			
			*			
			Bioaccumulative,			
			Toxic (PBT) or very			High Dundretion
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
79-00-5	Vinyl trichloride (1,1,2-	Cancer, Immune		Maine (CA Prop 65); WA Appen1;	Solvent, production of	x
75 00 5	Trichloroethane)	system		Minnesota HRL	vinylidine chloride	^
l				Maine (CA Prop 65; IARC; NTP 11th	Solvent, degreaser	
79-01-6	Trichloroethylene	Development, Liver,		ROC); WA Appen1; Minnesota HRL-		x
		Reproduction		EPA -MCL; Minnesota HRV		
		Eyes, Mortality,		EPA - HC	Chemical intermediate,	
79-04-9	Chloroacetyl chloride	Respiratory system,			chloroacetophenone mfg,	х
		Skin			tear gas	
		Cancer, Development,		1	Synthesis of dyes, adhesives,	
79-06-1	Acrylamide	Genotoxic,		11th ROC; NTP CERHR); WA	paper and textiles	x
	,	Reproduction		Appen1; ECHA Substances of Very		
		·		High Concern		
70.40.7	A amilta a stal	Danis in the man and the second		WA Appen1; Minnesota HRV	Chemical intermediate for	
79-10-7	Acrylic acid	Respiratory system			acrylates, plastics mfg, water based paints	Х
		Condition of the second		WA Appen1; OECD - SIDS/SIAR	Crop protection chemicals,	
		Cardiovascular			carboxymethylcellulose,	
		system, Development, Eyes, Kidney, Liver,			paints, pharmaceuticals	
79-11-8	Chloroacetic acid	Nervous System,				x
		Respiratory system,				
		Skin				
				ECHA Substances of Very High	solvent	
79-16-3	N-methylacetamide	Reproduction		Concern	Solvent	
				Maine (CA Prop 65); WA Appen1;	Solvent, degreaser	
79-34-5	1,1,2,2-Tetrachloroethane	Cancer		WA CHCC; Minnesota HRL		
				HSDB	Chlorotrifluoroethylene	
79-38-9	Chlorotrifluoroothylono	Vidnov			resins mfg, synthesis of	V
73-30-3	Chlorotrifluoroethylene	Kidney			plastics, lubricants,	х
					elastomers	
				Maine (CA Prop 65; NTP 11th ROC);	Solvent in inks, paints,	
79-46-9	2-Nitropropane	Cancer, Liver		WA Appen1; Minnesota HRV	adhesives, chemical	x
					synthesis	
				Maine (OSPAR Chemicals of	Food additive, chemical	
79-92-5	bicyclo[2.2.1]heptane, 2,2-dimethyl-3-		x	Concern); WA Appen1	intermediate,	x
	methylene- (Camphene)		~		pharmaceutical,	,
					mothproofing, fragrance	



			Persistent,			
			Bioaccumulative.			
			Toxic (PBT) or very			
						High Production
			Persistent, very		,,	_
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
79-94-7	Tetrabromobisphenol A		x	Maine (EPA Final PBT Rule for 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 P3 List	Flame retardant on electronic circuit boards, plasticizer	х
79-95-8	phenol, 4,4'-(1- methylethylidene)bis[2,6-dichloro- ( 2,2',6,6'-TETRACHLOROBISPHENOL A)		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Flame retardant monomer in epoxy resins, polycarbonates, and polyesters	
80-05-7	4,4'-methylethylidenebisphenol (BPA) (Bisphenol A)	Development, Endocrine system		Maine (NTP CERHR; OSPAR Chemicals of Concern; EuC Endocrine Disruptor Priority List); WA Appen1; WA CHCC	Monomer in polycarbonate and epoxy resins, plastics mfg	x
80-06-8	benzenemethanol, 4-chloroalpha (4-chlorophenyl)alphamethyl- (Dimite)		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (not EPA registered)	
80-07-9	4,4'-Dichlorodiphenyl sulfone	Genotoxic, Kidney, Liver		OECD - SIDS/SIAR	Production of thermoplastics	x
80-09-1	Bisphenol S (BPS)	Reproductive; Developmental		Washington CHCC List	polymer production, thermal papers, PES plastics (baby bottles), personal care products	x
80-15-9	Cumene hydroperoxide	Respiratory system, Skin		HSDB	Production of acetone and phenol, curing agent	х
80-46-6	p-(1,1-dimethylpropyl)phenol	Endocrine system		ECHA Substances of Very High Conc	Pesticide; manufacturing process; food contact; toys; paint; cleaning/washing	
80-51-3	4,4'-Oxybis(benzenesulfonyl hydrazide) (OBSH)	Adrenal glands, Kidney, Liver		OECD - SIDS/SIAR	Sponge rubber mfg and expanded plastics	
80-62-6	Methyl methacrylate MMA	Respiratory system			Monomer for polymethacrylate resins, comonomer for copolymers	х
81-14-1	Musk ketone		х	WA Appen1; Oregon P3 List	Fragrances	
	1		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		



			Persistent,			
			*			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
0.00			Persistent, very		=	Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
	benzene, 1-(1,1-dimethylethyl)-3,5-			Maine (OSPAR Chemicals of	Fragrance compounds,	
81-15-2	dimethyl-2,4,6-trinitro- (Musk		х	Concern; ECHA Substances of Very	cosmetics	
	xylene)			High Concern); WA Appen1;		
				Oregon P3 List Maine (CA Prop 65; NTP 11th ROC);	Duo	
81-49-2	1-Amino-2,4-dibromoanthraquinone	Cancer		WA Appen1	руе	
	Benzenesulfonamide, N-(4-amino-			• •	Dye	
	9,10-dihydro-3- methoxy-9,10-dioxo-			Walle (Callada i Bir), WA Appelli	Бус	
81-68-5	1-anthracenyl)-4-methyl- (C.I.		Х			
	Disperse Red 86)					
	Disperse near 30)			Maine (CA Prop 65; EU	Pesticide, anticoagulant	
81-81-2	Warfarin	Development,		Reproductive Toxicant); WA		
		Endocrine system		Appen1		
81-88-9	D&C Red No. 19	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
01-00-9		Cancer				
81-98-1	7H-benz[de]anthracen-7-one, 3,9-		x	Maine (OSPAR Chemicals of	Chemical intermediate in	
01 30 1	dibromo-		^	Concern); WA Appen1	chemical synthesis	
82-05-3	7H-benz[de]anthracen-7-one		x	Maine (OSPAR Chemicals of	Dye	
				Concern); WA Appen1		
82-28-0	1-Amino-2-methylanthraquinone	Cancer		Maine (CA Prop 65; NTP 11th ROC);		
	, ,			WA Appen1	dyes	
				Maine (NWM Priority Chemicals;	Seed treatment, pesticide	
82-68-8	Pentachloronitrobenzene		х	OSPAR Chemicals of Concern); WA		
				Appen1; Oregon P3 List		
				Maine (NWM Priority Chemicals;	Dye, insecticide, fungicide,	
83-32-9	Acenaphthene		x	,	plastics manufacture	
03 32 3	rechaphanene		^	Appen1	plastics manaracture	
	benzene, 1-(1,1-dimethylethyl)-2-			Maine (OSPAR Chemicals of	Fragrances	
83-66-9	methoxy-4-methyl-3,5-dinitro-		x	Concern); WA Appen1		
	(Musk ambrette - artificial)			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
83-79-4	Rotenone	Reproduction		IRIS; WA Appen1	Pesticide	
				Maine (EuC Endocrine Disruptor	Plasticizer	
84-61-7	Dicyclohexyl phthalate (DCHP)	Endocrine system		Priority List); WA Appen1		
				Maine (CA Prop 65); WA Appen1	Chemical production of acid	
84-65-1	Anthraquinone	Cancer			and base dyes, pesticide	x



			Persistent,			
			Bioaccumulative.			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
84-66-2	Diethyl phthalate (DEP)	Endocrine system	(4.13)	Maine (EuC Endocrine Disruptor Priority List); WA Appen1; WA CHCC; Minnesota HRL	Plasticizer	x
84-69-5	1,2-benzenedicarboxylic acid, bis(2-methylpropyl) ester	Reproduction		Maine (OSPAR Chemicals of Concern); WA Appen1; ECHA Substances of Very High Concern	Plasticizer	
84-74-2	1,2-benzenedicarboxylic acid, dibutyl ester (DBP) (phthalate)	Development, Endocrine system, Reproduction		Maine (CA Prop 65; NTP CERHR; OSPAR Chemicals of Concern; EuC Endocrine Disruptor Priority List; ECHA Substances of Very High Concern); WA Appen1	Plasticizer, epoxy resins	х
84-75-3	Di-n-hexyl phthalate (DnHP)	Cancer		Maine (CA Prop 65); WA Appen1; WA CHCC	Plastisol mfg	
85-00-7	Diquat dibromide	Development, Eyes		IRIS; WA Appen1	Pesticide	
85-01-8	Phenanthrene		x	Maine (NWM Priority Chemicals); WA Appen1; Oregon P3 List	Research, dyes, explosives, drugs	
85-22-3	Pentabromoethylbenzene		х	Maine (OSPAR Chemicals of Concern; OSPAR Chemicals for Priority Action); WA Appen1	Add-in flame retardant, thermoset polyester resins for circuit boards, textiles, adhesives (1980s)	
85-42-7	Hexahydrophthalic anhydride (HHPA)	Respiratory system, Skin		EPA - HC	Curing agent for epoxy resins and intermediate for plasticizers	х
85-68-7	1,2-benzenedicarboxylic acid, butyl phenylmethyl ester (BBP) (phthalate)	Development, Endocrine system, Reproduction		Maine (CA Prop 65; OSPAR Chemicals of Concern; EuC Endocrine Disruptor Priority List; ECHA Substances of Very High Concern); WA Appen1; HSDB; Minnesota HRL	Plasticizer	x
85-86-9	2-Naphthalenol, 1-[[4- (phenylazo)phenyl]azo]- (C.I. Solvent Red 23)		x	Maine (Canada PBiT); WA Appen1	Dye	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			` '			High Production
CAS			Persistent, very		Use Evenuela(s) and /or	Volume (HPV)
CAS	Charminal Name	the state English sind (a)	Bioaccumulative	(a)	Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
DC 20 6	N. Nitracadinhanylamina	Cancar		Maine (CA Prop 65; IRIS); WA	Radical scavenger, anti-	
86-30-6	N-Nitrosodiphenylamine	Cancer		Appen1; WA CHCC; Minnesota HRL	scorching agent, rubber accelerator	
				Maine (NWM Priority Chemicals);	Chemical intermediate;	
86-73-7	Fluorene	Blood	x	WA Appen1; Minnesota HRL	manufacture of dyestuffs	
00-73-7	lidorene	Blood	^	WA Appent, willinesota rine	illallulacture of dyestalis	
				Maine (CA Prop 65); WA Appen1	Pesticide mfg, lubricants,	
86-74-8	Carbazole	Cancer			rubber antioxidants, dye	
					intermediate	
	Benzamide, 3,5-dibromo-N-(4-			Maine (Canada PBiT); WA Appen1	Pesticide (EPA reg.	
87-10-5	bromophenyl)-2-hydroxy-		x		cancelled), pharmaceutical	
	bromophenyij-z-nyuroxy-					
87-29-6	Cinnamyl anthranilate	Cancer		Maine (CA Prop 65); WA Appen1	Flavoring agent	
07 23 3	Cilifarity distribution	GUCC.				
				Maine (EU PBT List; OSPAR	Chemical solvent for high-	
87-61-6	1,2,3-trichlorobenzene		x	Chemicals of Concern; OSPAR	melting products, coolant in	
				Chemicals for Priority Action); WA	electrical installations	
				Appen1	the Constraint	
87-62-7	2,6-Xylidine (2,6-Dimethylaniline)	Cancer		Maine (CA Prop 65); WA Appen1	Intermediate in chemical mfg	
				Maine (NWM Priority Chemicals;	Solvent, fumigant	
				WA PBT List; EU PBT List; OSPAR		
87-68-3	Hexachlorobutadiene	Kidney	x	Chemicals of Concern; Canada		
0. 22 .				PBiT); WA Appen1; WA CHCC;		
				Minnesota HRL		
				Maine (OSPAR Chemicals of	Flame retardant	
87-82-1	benzene, hexabromo-		Х	Concern); WA Appen1		
07.02.2	barrage restal remember			Maine (OSPAR Chemicals of	Flame retardant (no longer	
87-83-2	benzene, pentabromomethyl-		Х	Concern); WA Appen1	in use)	
				Maine (CA Prop 65; EuC Endocrine	Pesticide	
				Disruptor Priority List; IRIS; NWM		
87-86-5	Pentachlorophenol	Cancer, Endocrine	x	Priority Chemicals; OSPAR		×
87-00-5	Pentachiorophenoi	system, Kidney, Liver	^	Chemicals of Concern); WA		^
				Appen1; Minnesota HRL- EPA-MCL		
				Maine (CA Prop 65; IRIS; NTP 11th	Pesticide (EPA reg.	
88-06-2	2,4,6-Trichlorophenol	Cancer	х	ROC); WA Appen1; Oregon P3 List;	cancelled), preservative,	
				Minnesota HRL	antimicrobial	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
						High Production
			Persistent, very			Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
				HSDB; WA Appen1	Water soluble and insoluble	
					forms of polyvinyl	
88-12-0	2-Pyrrolidinone, 1-ethenyl-	Liver			pyrrolidone for	x
					pharmaceuticals and	
					cosmetics mfg, disinfectant	
				OECD - SIDS/SIAR	Water soluble and insoluble	
					forms of polyvinyl	
00.60.0	C to at But I as assaul	Uhana			pyrrolidone for	
88-60-8	6-tert-Butyl-m-cresol	Liver			pharmaceuticals and	
					cosmetics mfg, disinfectant	
				Maine (CA Prop 65); WA Appen1	Synthesis of azo dyes,	
88-72-2	o-Nitrotoluene	Cancer			petrochemicals, pesticides,	
					pharmaceuticals	
00.05.7	B: I	Development,		Maine (CA Prop 65); WA Appen1;	Pesticide (EPA reg.	
88-85-7	Dinoseb	Reproduction	х	Oregon P3 List	cancelled)	×
89-32-7	Pyromellitic dianhydride	Respiratory system		HSDB	Curing agent, aromatic	x
03-32-7	,				polyamides mfg	^
	Pulegone	Cancer			Fragrance, insect repellent,	
89-82-7				IARC-2B	food/drink flavouring,	
					traditional remedy	
				Maine (CA Prop 65); WA Appen1	Intermediate in dye mfg,	
90-04-0	o-Anisidine	Cancer		, , , , , , , , , , , , , , , , , , ,	pharmaceuticals, fragrances,	
					, , ,	
90-43-7	o-Phenylphenol	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide, rubber industry,	
30-43-7	о-глепурнено	Cancer			plasticizer	
90-94-8	Michler's ketone	Cancer		Maine (CA Prop 65; NTP 11th ROC);		
				WA Appen1	derivatives, pigment mfg	
					Moth repellant, chemical	
91-20-3	Naphthalene	Cancer, Respiratory	х	NWM Priority Chemicals); WA	mfg, wood preservation,	х
		system		Appen1; Minnesota HRL;	pharmaceutical	
				Minnesota HRV Maine (IRIS); WA Appen1	Dyestuffs, chemical	
91-22-5	Quinoline	Cancer		Walle (MS), WA Appell	intermediate, flavoring,	
J1 22 J	Quinoille	Cancer			decarboxylation reagent	
					Taccar Donylation Teagent	



			Persistent,	1		
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Lies Evennels/s) and/su	Volume (HPV)
0.10	Chambal Name	the state mostle steady.		Comments)	Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
91-23-6	o-Nitroanisole	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	chemical intermediate	
91-59-8	2-Naphthylamine	Cancer		Maine (CA Prop 65; IARC; EU Carcinogen; NTP 11th ROC); WA Appen1	Dye mfg, research	
91-94-1	[1,1'-biphenyl]-4,4'-diamine, 3,3'- dichloro-	Cancer	х	Maine (CA Prop 65; IARC; IRIS; EU Carcinogen; NTP 11th ROC; OSPAR Chemicals of High Concern); WA Appen1; Minnesota HRL	Dye, curing agent	
92-15-9	Acetoacet-o-anisidide	Blood, Spleen		EPA - HC	Chemical intermediate in production of pigments	х
92-24-0	Naphthacene		х	Maine (OSPAR Chemicals of Concern); WA Appen1	In coal tar and anthracene contaminants; organic synthesis	
92-67-1	4-Aminobiphenyl (4-amino-diphenyl)	Cancer		Maine (CA Prop 65; IARC; EU Carcinogen; NTP 11th ROC); WA Appen1	Detection of sulfates, rubber antioxidant	
92-69-3	4-Hydroxybiphenyl = 4-Phenylphenol	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Chemical intermediate	
92-70-6	3-Hydroxy-2-naphthoic acid	Eyes, Skin		OECD - SIDS/SIAR	Dyes/pigments, pharmaceutical	х
92-72-8	2-Naphthalenecarboxamide, N-(5- chloro-2,4-dimethoxyphenyl)-3- hydroxy- (C.I. 37550)		х	Maine (Canada PBiT); WA Appen1	Dye	
92-76-2	2-Naphthalenecarboxamide, N-(4-chloro-2-methylphenyl)-3-hydroxy-(C.I. 37525)		х	Maine (Canada PBiT); WA Appen1	Dye	
92-87-5	Benzidine [and its salts]	Cancer		Maine (CA Prop 65; IARC; EU Carcinogen; IRIS; NTP 11th ROC); WA Appen1; Minnesota HRV	Dyes, reagent	
92-88-6	4,4'-Dihydroxybiphenyl = 4,4'- Biphenol	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1		х



			Persistent,			1
			Bioaccumulative,			
			•			
			Toxic (PBT) or very			High Dundretion
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
92-93-3	4-Nitrobiphenyl	Cancer		Maine (CA Prop 65); WA Appen1	Plasticizer for resins and polystyrene	
				Oregon P3 List	Heat storage, transfer	
92-94-4	p-Terphenyl		х	oregon ra List	agents, textile dye carrier	
				Maine (CA Prop 65; NTP 11th ROC);	Flavoring, insect attractant,	
93-15-2	Methyleugenol	Cancer		WA Appen1	pharmaceutical	
	1.4 honzonodiamino N.N. di 2			Maine (OSPAR Chemicals of		
93-46-9	1,4-benzenediamine, N,N'-di-2-		х	Concern; Canada PBiT); WA		
	naphthalenyl- (Diafen NN)			Appen1		
02.69.5	- Asstance to building	Dland Calons		OECD - SIDS/SIAR	Chemical intermediate for	
93-68-5	o-Acetoacetotoluidide	Blood, Spleen			pigments	х
93-72-1	2-(2,4,5-Trichlorophenoxy) propionic	Liver		WA Appen1; Minnesota HRL - EPA-	Pesticide (EPA reg.	
93-72-1	acid	Livei		MCL	cancelled)	
93-76-5	2,4,5-Trichlorophenoxyacetic acid	Blood, Development		WA Appen1; Minnesota HRL	Pesticide (EPA reg.	
33 70 3	2,4,5 Themorophenoxydeetic deid	blood, bevelopment			cancelled)	
				Maine (EuC Endocrine Disruptor	Pesticide (EPA reg.	
94-13-3	n-propyl p-hydroxybenzoate	Endocrine system		Priority List); WA Appen1; WA	cancelled), antimicrobial,	
54 15 5	in propyr p mydroxybenizoute	Endocrine system		СНСС	preservative	
				Maine (EuC Endocrine Disruptor	Pesticide (EPA reg.	
94-26-8	n-Butyl p-Hydroxybenzoate	Endocrine system		Priority List); WA Appen1; WA	cancelled), preservative	
		,		СНСС	,,,	
	Dihydrosafrole	Cancer			essential oil compositions;	
					(former uses: chem	
04 50 6				IARC-2B	intermediate insecticide,	
94-58-6				IARC-2B	rootbeer flavouring,	
					cosmetic fragrance)	
04 50 7	Cafrala	Consess		Maine (CA Prop 65; NTP 11th ROC);	Piperonyl butoxide mfg,	
94-59-7	Safrole	Cancer		WA Appen1	preservative	
94-74-6	2-Methyl-4-chlorophenoxyacetic acid (MCPA)	Kidney, Liver		WA Appen1; Minnesota HRL	Pesticide	
94-75-7	2,4-Dichlorophenoxyacetic acid (2,4-D)	Blood, Kidney, Liver		WA Appen1; Minnesota HRL	Pesticide	
		Endocrine system,		Maine (CA Prop 65; EuC Endocrine	Pesticide	
94-82-6	2,4-D butyric acid	Reproduction		Disruptor Priority List); WA Appen1		
		Reproduction				



			Persistent,			
			Bioaccumulative,			
			•			
			Toxic (PBT) or very			High Production
			Persistent, very			
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
95-06-7	Sulfallate	Cancer		Maine (CA Prop 65; NTP 11th ROC);	·	
				WA Appen1	cancelled)	
95-31-8	N-tert-butylbenzothiazole-2-	Blood, Kidney, Liver		OECD - SIDS/SIAR	Accelerator for vulcanization	x
	sulphenamide	, ,,			of rubber	
95-49-8	o-Chlorotoluene	Body Weight		IRIS; WA Appen1	Solvent, pesticide	x
		,			component	
				Maine (CA Prop 65; IARC; NTP 11th	· ·	
95-53-4	o-Toluidine	Cancer		ROC); WA Appen1; WA CHCC	intermediate in dye mfg,	X
					colors	
	o-Phenylenediamine and its salts, o-			Maine (CA Prop 65); WA Appen1	Mfg dyes, photographic	
95-54-5	Phenylenediamine, o-	Cancer			developing agent, organic	x
	Phenylenediamine dichydrochloride				chemical synthesis, hair dye	
	,					
95-57-8	2 - Chlorophenol	Development		WA Appen1; Minnesota HRL	Organic synthesis,	
					disinfectant	
95-65-8	3,4-Dimethylphenol	Blood, Kidney, Liver,		IRIS; WA Appen1	Starting materials for	
		Spleen			phenolic resins	
95-69-2	p-Chloro-o-toluidine	Cancer		Maine (CA Prop 65; IARC; NTP 11th		
				ROC); WA Appen1	dyes, pesticide	
				Maine (OSPAR Chemicals of	Chemical intermediate for	
95-76-1	3,4-dichloroaniline	Endocrine system		Concern; EuC Endocrine Disruptor	dyes and pesticides	
				Priority List); WA Appen1		
95-79-4	5-Chloro-o-toluidine	Cancer		Maine (CA Prop 65); WA Appen1		
				Maine (CA Prop 65; NTP 11th ROC);	· •	
95-80-7	2,4-Diaminotoluene	Cancer		WA Appen1; WA CHCC	isocynates, photographic	
					developer	
95-83-0	4-Chloro-o-phenylenediamine	Cancer		Maine (CA Prop 65; NTP 11th ROC);	Oxidation base, hair dyes	
	,			WA Appen1		
				Maine (NWM Priority Chemicals;	Synthesis of 2,4,5-	
95-94-3	1,2,4,5-Tetrachlorobenzene		х	WA PBT List; OSPAR Chemicals of	Trichlorophenate sodium,	
				Concern; Canada PBiT); WA	mfg pesticides	
				Appen1	-	
				Maine (NWM Priority Chemicals;	Preservative	
95-95-4	2,4,5-Trichlorophenol		x	OSPAR Chemicals of Concern); WA		
				Appen1; Oregon P3 List		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Uso Evampla(s) and/ar	Volume (HPV)
	Chamical Name	Haalah Endusina/a		Sauras (a)	Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
06.00.3	Ct	C		Maine (CA Prop 65; IARC; NTP 11th		
96-09-3	Styrene oxide	Cancer		ROC); WA Appen1	epoxy resins, cosmetics, perfumes	
				Maine (CA Prop 65; NTP 11th ROC;	Pesticide (EPA reg.	
				EU Reproductive Toxicant; EuC	cancelled)	
96-12-8	1,2-Dibromo-3-chloropropane	Cancer, Endocrine		Endocrine Disruptor Priority List);	canceneu)	
90-12-8	(DBCP)	system, Reproduction		WA Appen1		
				WA Appeni		
				Maine (CA Prop 65; NTP 11th ROC);	Production of tris(1.2.3-	
				WA Appen1	dibromopropyl) phosphate,	
96-13-9	2,3-Dibromo-1-propanol	Cancer			flame retardants	
				Maine (CA Prop 65; IARC; NTP 11th	Paint and varnish remover,	
96-18-4	1,2,3-Trichloropropane	Cancer, Kidney, Liver		ROC); WA Appen1; Minnesota HRL	solvent	
96-23-1	1,3-Dichloro-2-propanol (1,3-DCP)	Cancer		IARC 2B	solvent, chemical	
30-23-1	1,3-Dicilio10-2-pi opanoi (1,3-DCF)	Cancer			intermediate	
96-24-2	alpha-Chlorohydrin	Reproduction		HSDB	Pesticide, mfg of dye	
50 24 2	dipila cinoronyanii	Reproduction			intermediates	
96-33-3	Methyl acrylate	Eyes, Respiratory		HSDB; WA Appen1	Production of acrylic and	x
	cu.y. as. y.a.c	system, Skin			modacrylic fibers	"
		Cancer, Development,			Accelerator for rubber	
96-45-7	Ethylene thiourea	Endocrine system		EuC Endocrine Disruptor Priority	production	
				List); WA Appen1		
06.40.0				HSDB	Chemical mfg, synthesis of	
96-48-0	gamma-Butyrolactone	Nervous system			pesticides, abused drug	x
	Phenol, 4,4'-thiobis[2-(1,1-			Maine (Canada PBiT); WA Appen1		
96-66-2	dimethylethyl)-6-methyl-		х	Walle (Callada PBIT); WA Appell1		
	diffettiylettiyi)-o-mettiyi-			Maine (OSPAR Chemicals of	Surfactant, antimicrobial	
97-18-7	phenol, 2,2'-thiobis[4,6-dichloro-		х	Concern); WA Appen1	Surfactant, antimicrobial	
				Maine (CA Prop 65); WA Appen1	Antimicrobial,	
97-23-4	Dichlorophene	Development		Thame (extrop 05), WATAPPENT	pharmaceutical	
	o-Aminoazotoluene (C.I. Solvent			Maine (CA Prop 65; NTP 11th ROC);		
97-56-3	Yellow 3)	Cancer		WA Appen1	, ., .	
		Development,		OECD - SIDS/SIAR	Solvent, chemical	
07.00	25 11 1 1 1 1 1	Nervous system,			intermediate	
97-99-4	2-Furanmethanol, tetrahydro-	Pituitary,				x
		Reproduction				



			Dougistant			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			Ottob Bundonston
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
		Eyes, Respiratory		HSDB	Solvent for cellulose ethers	
98-00-0	Furfuryl alcohol	system			and esters, tanning hides	X
		7,535				
				HSDB; IRIS; WA Appen1	Source of furfuryl alcohol,	
					tetrahydrofurfuryl alcohol,	
98-01-1	Furfural	Eyes, Respiratory			Furan, rubber cements,	x
		system			synthetic flavoring	
					ingredient.	
				Maine (CA Prop 65; IARC; IRIS; NTP	Organic chemical synthesis,	
98-07-7	Benzotrichloride	Cancer		11th ROC); WA Appen1; Oregon P3	, ,	
		Sunse.		List	production of pesticides	
				Maine (OSPAR Chemicals of	Plasticizer, chemical	
98-54-4	Butylphenol	Endocrine system		Concern); WA Appen1	intermediate	x
				CA Prop 65; WA Appen1;	Production of chemical,	
98-82-8	Cumene	Cancer, Kidney		Minnesota HRV; Minnesota HRL	thinner for paints, enamels,	х
					lacquers	
98-83-9	α-Methyl styrene (alpha-	Cancer		IARC 2B and Cal Prop 65	polymerization monomer	x
30 03 3	Methylstyrene)	curicer				^
	α-Chlorinated toluenes (benzal			Maine (IARC); WA Appen1	Preparation of benzoyl	
98-87-3	chloride, benzo-trichloride, benzyl	Cancer			chloride	
	chloride) and benzoyl chloride					
	(combined exposures)					
	α-Chlorinated toluenes (benzal			Maine (IARC); WA Appen1	Introduction of benzoyl	
98-88-4	chloride, benzo-trichloride, benzyl	Cancer			group into alcohols, phenols,	x
	chloride) and benzoyl chloride				and amine	
	(combined exposures)			Maine (CA Prop 65; NTP 11th ROC);	Soans shoe polishes	
				WA Appen1	chemical mfg, preservative,	
98-95-3	Nitrobenzene	Cancer, Reproduction		WA Appeni	extraction solvent	x
					EXTRACTION SOLVENIC	
00.00.1	n. Nithankaliana	Body Weight, Kidney,		EPA - HC	Manufacture of dyes,	
99-08-1	m-Nitrotoluene	Liver			toluidines, explosives	
99-35-4	1,3,5-Trinitrobenzene	Blood		WA Appen1; Minnesota HRL	Explosives, vulcanizing	
<del></del>	1,3,3-111110 ODE112E11E	biood			natural rubber	
99-65-0	m-Dinitrobenzene	Reproduction		Maine (CA Prop 65); WA Appen1	Synthesis of organic	
		ep. cadellon			chemicals	



			Persistent,			
			Bioaccumulative,			
			,			
			Toxic (PBT) or very			High Production
			Persistent, very			Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
				Maine (EuC Endocrine Disruptor	Antibacterial, antimicrobial	
99-76-3	Methyl p-Hydroxybenzoate	Endocrine system		Priority List); WA Appen1; WA		
				CHCC		
00.05.7				Maine (EuC Endocrine Disruptor	Intermediate for dyes,	
99-96-7	p-Hydroxybenzoic acid	Endocrine system		Priority List); WA Appen1; WA	fungicides, corrosion	Х
	N. N. Dimenthe due toloridino	Company		CHCC	inhibitor industrial glues, artificial	
1	N,N-Dimethyl-p-toluidine	Cancer				
					fingernail preparations, chemical intermediate for	
99-97-8				IABC 2D	dyes and pesticides,	
99-97-8				IARC-2B	preparation of dental	
					materials & bone cements	
					inaterials & bone cements	
				Maine (EuC Endocrine Disruptor	Production of dyes,	
99-99-0	4-Nitrotoluene	Endocrine system		Priority List); WA Appen1	agricultural chemicals,	
					rubber chemicals	
	1.01	_		Maine (CA Prop 65); WA Appen1	Chemical mfg of dyestuffs,	
100-00-5	1-Chloro-4-nitrobenzene	Cancer			insecticides	
100.01.6	4 Nitrobonomorphic	Liver		HSDB; NTP; WA Appen1	Intermediate for dyes,	
100-01-6	4 - Nitrobenzenamine	Liver			antioxidants, pesticides	
100-25-4	p-Dinitrobenzene	Reproduction		Maine (CA Prop 65); WA Appen1	Organic chemical synthesis,	
100-25-4	p-billitroberizerie	Reproduction			dyes	
100-40-3	4-Vinylcyclohexene	Cancer, Reproduction		Maine (CA Prop 65); WA Appen1	Polymers, organic chemical	x
100-40-3	4-Villyleycionexene	Cancer, Reproduction			synthesis	^
		Cancer, Development,		Maine (CA Prop 65); WA Appen1;	Production of synthetic	
100-41-4	Ethylbenzene	Kidney, Liver		WA CHCC; Minnesota HRV;	rubber, precursor to styrene	х
		Kidiley, Livei		Minnesota HBV		
		Endocrine system,		Maine (EuC Endocrine Disruptor	Mfg plastics, dilutent, resin,	
100-42-5	Styrene	Eyes, Nervous system,		Priority List); WA Appen1; WA	food flavoring	x
	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Respiratory system		CHCC; Minnesota HRV		*
		11, 111, 15, 15, 15, 15, 15, 15, 15, 15,		10.0	h. C	
100 11 -				Maine (CA Prop 65; IARC; IRIS); WA	· ·	
100-44-7	Benzyl chloride	Cancer		Appen1	compounds, photographic	х
					developer	
100-75-4	N-Nitrosopiperidine	Cancer		Maine (CA Prop 65; NTP 11th ROC);	Research	
				WA Appen1	Chaminal intermediat	
101-02-0	Triphenyl phosphite	Nervous system, Skin		HSDB	Chemical intermediate,	x
		•			rubber industry	l



			Dougistant			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Dundretion
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
101-14-4	4,4'-Methylene bis(2-chloroaniline)	Cancer		Maine (CA Prop 65; IARC; NTP 11th		x
101 1 .	, , ,	0011001		ROC); WA Appen1	resins	^
101-20-2	Urea, N-(4-chlorophenyl)-N'-(3,4-		х	Maine (OSPAR Chemicals of	Disinfectant	
	dichlorophenyl)- (Triclocarban)			Concern); WA Appen1		
101-21-3	Chlorpropham	Spleen		IRIS; WA Appen1	Pesticide	
101-53-1	Phenyl-4-hydroxyphenylmethane = 4- Benzylphenol ( p-Benzylphenol)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1		
101-55-3	4-Bromophenyl phenyl ether		х	Maine (NWM Priority Chemicals); WA Appen1	Research, flame retardant	
101-61-1	4,4'-Methylene bis(N,N-	Cancer		Maine (CA Prop 65; IRIS; NTP 11th	Chemical intermediate for	
101-01-1	dimethyl)benzenamine	Cancer		ROC); WA Appen1	dyes, reagent	
101-68-8	Methylenebis (4-Phenylisocyanate)	Respiratory system		WA Appen1; Minnesota HRV	Coatings, resins, spandex, gums	х
101-76-8	benzene, 1,1'-methylenebis[4-chloro-		х	Maine (OSPAR Chemicals of Concern); WA Appen1		
101-77-9	4,4'-Methylenedianiline	Cancer		Maine (CA Prop 65; NTP 11th ROC; ECHA Substances of Very High Concern); WA Appen1	Production of isocynates, polyisocyantes for polyurethane foam, preparation of azo dyes	х
101-80-4	4,4'-Diaminodiphenyl ether (4,4'- Oxydianiline)	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Chemical intermediate for polyimide polyester-imide resins	х
101-81-5	benzene, 1,1'-methylenebis-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Dyes, perfumes, manufacture of hexachlorophene	
101-86-0	alpha-Hexylcinnamaldehyde	Skin		EPA - RBP	Soaps	х
101-90-6	Diglycidyl resorcinol ether (DGRE)	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Epoxy resins, curing agent for polysulfide rubber	
102-01-2	Acetoacetanilide	Blood		OECD - SIDS/SIAR	Manufacturing of yellow dyes, pesticide mfg	х
102-06-7	1,3-Diphenylguanidine	Reproduction		OECD - SIDS/SIAR	Vulcanization accelerator	х
103-11-7	2-Ethylhexyl acrylate	Cancer		IARC-2B	pressure-sensitive adhesives, latex paint resin, paper coating resin, textile finishing	x
103-33-3	Azobenzene	Cancer		Maine (CA Prop 65; IRIS); WA Appen1	Manufacture of dyes, rubber accelerators, dyes	



	4	Persistent,			
		•			
		. , ,			High Dunduction
					High Production
					Volume (HPV)
Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
Phenylhydrazine	Cancer		Maine (CA Prop 65)		
			Maine (EuC Endocrine Disruptor	Co-stabilizer with mixed-	
nhenal 4-nanyl-	Endocrine system	×	Priority List; OSPAR Chemicals of	metal stabilizers, phenolic	
phenol, 4-nonyi-	Endocrine System.		Concern); WA Appen1; WA CHCC	resins	
2-Propenal, 3-phenyl-	Skin		EPA - RBP	Flavoring agent, corrosion	х
(Cinnamaldehyde)					
				,	
Caprolactam	Reproduction				x
				coatings, plasticizers	
			IRIS; WA Appen1	Organic synthesis of	
1,4-Dibromobenzene	Liver			dyestuffs and	
<u></u>	<u></u>			pharmaceuticals	
			WA Appen1; HSDB; OECD -	Chemical intermediate of	
p-cresols	Eyes, Skin			tricresyl and cresyl diphenyl	х
	Cancer, Liver		Maine (CA Prop 65; NTP 11th ROC);	Odor control, disinfectant,	
p-Dichlorobenzene			WA Appen1; Minnesota HRL;	chemical intermediate,	х
			Minnesota HRV	lubricant	
n-Chloroaniline	Cancer		Maine (CA Prop 65); WA Appen1;	Chemical intermediate	
o cinoreamine			WA CHCC		
1.4-Benzenediamine	Eyes, Respiratory		HSDB; WA Appen1	Hair dye, dyeing furs,	
1,1 501120	system, Skin			photochemicals	
4-Vinyl-1-cyclohexene diepoxide			, , , , , , , , , , , , , , , , , , , ,	Polymer organic synthesis	
	Cancer, Reproduction		WA Appen1		
(,			MAYA Amagada Majanosota HDV	Commenter chloring	
4.0 Francisco	Descripton, system		WA Appen1; Minnesota HKV		
1,2-Epoxybutane	Respiratory system			=	
			11 - CA Duran CE, Euc Endonrino		
	Canada Endancina			Epoxy resins, furnigant	
Epichlorohydrin	,		1 ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '		x
	system, Reproduction				
				E 1	
				, , , , , , , , , , , , , , , , , , , ,	
Celludere diboonaida	Cancer, Development,			for lead, fumigant, solvent	
Ethylene dibromide	Downs dustion	1	Priority List); WA Appen1;		
,	Reproduction		Minnesota HRL; Minnesota HRV	1	
	Phenylhydrazine  phenol, 4-nonyl-  2-Propenal, 3-phenyl- (Cinnamaldehyde)  Caprolactam  1,4-Dibromobenzene  p-cresols  p-Dichlorobenzene  p-Chloroaniline  1,4-Benzenediamine  4-Vinyl-1-cyclohexene diepoxide (Vinyl cyclohexenedioxide)  1,2-Epoxybutane  Epichlorohydrin	Phenylhydrazine  Cancer  Phenylhydrazine  Cancer  Endocrine system  Skin  2-Propenal, 3-phenyl- (Cinnamaldehyde)  Caprolactam  Reproduction  Liver  Liver  P-cresols  Eyes, Skin  Cancer, Liver  P-Chloroaniline  Cancer  Eyes, Respiratory system, Skin  4-Vinyl-1-cyclohexene diepoxide (Vinyl cyclohexenedioxide)  Cancer, Reproduction  Respiratory system  Cancer, Reproduction  Cancer, Endocrine system, Reproduction  Cancer, Endocrine system, Reproduction	Phenylhydrazine  Cancer  phenol, 4-nonyl-  2-Propenal, 3-phenyl- (Cinnamaldehyde)  Caprolactam  Reproduction  1,4-Dibromobenzene  Liver  p-cresols  Eyes, Skin  Cancer, Liver  p-Chloroaniline  Cancer  1,4-Benzenediamine  4-Vinyl-1-cyclohexene diepoxide (Vinyl cyclohexenedioxide)  Cancer, Reproduction  Respiratory system  Cancer, Reproduction  Cancer, Reproduction  Cancer, Reproduction  Cancer, Endocrine system  Cancer, Endocrine system, Reproduction  Cancer, Endocrine system, Reproduction	Toxic (PBT) or very Persistent, very Per	Toxic (PBT) or very Persistent, very Bioaccumulative (VPVB)  Chemical Name  Cancer  Cancer  Endocrine system  EPA - RBP  Flavoring agent, corrosion inhibitor  Epo - RBP - RBP  Flavoring agent, corrosion inhibitor  Epo - RBP - RBP  Flavoring agent, corrosion inhibitor  Epo - RBP - RBP  Flavoring agent, corrosion inhibitor  Epo - RBP - RBP  Flavoring agent, corrosion inhibitor  Eposy resides stabilizers, phenolic resins  Manufacture of synthetic fibers, like nylon 6; bristles, coatings, plasticizers  Manufacture of synthetic fibers, like nylon 6; bristles, coatings, plasticizers  Manufacture of synthetic fibers, like nylon 6; bristles, coatings, plasticizers  Manufacture of synthetic fibers, like nylon 6; bristles, coatings, plasticizers  Cancer, Liver  Maine (CA Prop 65; NTP 11th ROC); Odor control, disinfectant, chemical intermediate of tricresyl and cresyl diphenyl  Token (CA Prop 65); WA Appen1; Chemical intermediate, lubricant  Hair dye, dyeing furs, photochemicals  WA Appen1; Minnesota HRV  Maine (CA Prop 65; NTP 11th ROC); Polymer organic synthesis  WA Appen1; Minnesota HRV  WA Appen1; Minnesota HRV  WA Appen1; Minne



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Han Everenla(s) and (av	Volume (HPV)
	Chamical Name	Health Fuducint/s		Samuele)	Use Example(s) and/or	Chemical <sup>1</sup>
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Cnemical
				Maine (CA Prop 65; NTP CERHR);	Solvent for fats, waxes or	
100.04.5	1 Duamanuana	Development,		WA Appen1	resins, chemical	
106-94-5	1-Bromopropane	Reproduction			intermediate for	X
					pharmaceuticals,	
				Maine (EU Carcinogen)	Aerosol propellant, fuel,	
l				Iwame (Eo Carcinogen)	natural gas, liquefied	
106-97-8	butane (containing 0.1 % butadiene	Cancer			petroleum gas, home	×
100-37-8	(203-450-8))	Caricer			maintenance products, spray	^
					paint	
				Maine (CA Prop 65; IARC; EU	Combustion, tobacco smoke,	
		Cancer, Development,		Carcinogen; IRIS; NTP 11th ROC);	polymers, synthetic rubber,	
106-99-0	1,3-Butadiene	Reproduction		WA Appen1; Minnesota HRV	plastics, resins	Х
		.,		, , , , , , , , , , , , , , , , , , , ,		
407.02.0	2 Programme (According)	Eyes, Respiratory		WA Appen1; Minnesota HRV	Pesticide, biocide, mfg of	
107-02-8	2-Propenal (Acrolein)	system			plastics, perfumes	Х
				WA Appen1; Minnesota HRL;	Synthesis of allyl	
107-05-1	Allyl chloride	Nervous system		Minnesota HRV	compounds, thermoset	x
					resins, and pesticides	
	Ethylene dichloride (1,2-			Maine (CA Prop 65; IRIS; NTP 11th	Solvent, degreaser	
107-06-2	Dichloroethane)	Cancer		ROC); WA Appen1; Minnesota HRL	compounds, in cosmetics	X
	,					
407.40.4				Maine (CA Prop 65; IRIS; NTP 11th	Surface coatings, resins,	
107-13-1	Acrylonitrile	Cancer		ROC); WA Appen1; WA CHCC;	acrylic fibers	x
				Minnesota HRV  OECD - SIDS/SIAR; WA Appen1	Production of chelating	
				OECD - SIDS/SIAK, WA Appell1	agents, polyamide resins,	
		Eyes, Kidney,			gasoline and oil additives,	
107-15-3	Ethylenediamine	Respiratory system,			solvent, dye preparation,	x
107-13-3	Littylenediamine	Skin			synthetic waxes, detergents,	^
		Skiii			paint, lubricant	
					paint, rabilitatit	
				OECD - SIDS/SIAR; WA Appen1	Manufacture of flavorings,	
107-18-6	2-Propen-1-ol (Allyl alcohol)	Kidney, Liver		, , , , ,	perfumes, fire retardants	x
		,				
				IRIS; WA Appen1	Corrosion inhibitor, rust	
107-19-7	Proparmy alcohol	Kidney, Liver			inhibitor, prevent hydrogen	v
101-13-1	Propargyl alcohol	Kiulley, Liver			embrittlement of steel	х



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
IVAIIIDEI	Chemicarivanie	ricaitii Eliapoliit(3)	(VI VD)	Cal Prop 65	antifreeze; dewatering	Circinical
				Car 1 10p 05	agent; solvent in paint and	
107-21-1	Ethylene glycol (ingested)	Developmental			plastic industries; coolant	Х
					, , , , , , , , , , , , , , , , , , , ,	
				OECD - SIDS/SIAR	Intermediate for agriculture	
107-29-9	Acetaldehyde Oxime	Blood, Eyes, Spleen			chemical production	
				Maine (CA Prop 65; IARC; EU	Alkylating agent and solvent	
407.20.2	Chloromethyl methyl ether (technical			Carcinogen; IRIS; NTP 11th ROC);	in water repellents mfg,	
107-30-2	grade)	Cancer		WA Appen1	chloromethylated	
					compounds	
				WA Appen1; Minnesota HRV	Plastic, films, lacquers, food	
				,	packaging, safety glass	
108-05-4	Vinyl acetate	Respiratory system			interlay, polymers for	Х
					coating	
				IARC 2B	solvent and denaturant in	
108-10-1	Methyl isobutyl ketone (MIBK)	Cancer			cosmetics, synthetic	x
					flavouring substances	
				HSDB; IRIS; WA Appen1	Chemical manufacturing,	
108-31-6	Maleic anhydride	Eyes, Kidney			ingredient in bonding agents	X
				HSDB; WA Appen1	Solvent, intermediate for	
				isob, withpeni	dyes, pesticides, aviation	
108-38-3	m - xylene	Nervous system			fuel, paint primer, wood	Х
					finish	
				IRIS; WA Appen1	Dyes, rubber curing agents,	
108-45-2	m-Phenylenediamine	Liver			textile fibers, hair dyes	х
				Maine (For Forder)	Tourism made	
100 46 3	Bassasinal	Fordersine sustant		Maine (EuC Endocrine Disruptor	Tanning, resins, resin	
108-46-3	Resorcinol	Endocrine system		Priority List); WA Appen1	adhesives, photography, pharmaceutical	X
				IRIS; WA Appen1	Chemical intermediate in	
108-60-1	Bis(2-chloro-1-methylethyl) ether	Blood		mis, wa appens	dye mfg, pharmaceuticals,	
		2.300			resins	
				Maine (OSPAR Chemicals of	Dye solvent, degreasing	
100 70 2	1.2 E trichlorobon-s-s			Concern; OSPAR Chemicals for	solvent, dielectric fluid,	
108-70-3	1,3,5-trichlorobenzene		Х	Priority Action); WA Appen1	lubricant additive,	
					insecticide	



			Persistent,			
			Bioaccumulative,			
			,			
			Toxic (PBT) or very			<b>High Production</b>
			Persistent, very			_
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
		Development,		OECD - SIDS/SIAR	Dyestuffs, herbicides, optical	
108-77-0	Cyanuric chloride	Respiratory system,			brighteners	х
		Skin				
	Melamine	Cancer			laminates, plastics, coatings,	
108-78-1				IARC-2B	commercial filters,	x
					adhesives, tableware	
				Maine (CA Prop 65); WA Appen1;	Dyes, paints, lacquers, inks,	
		Eyes, Development,		WA CHCC; Minnesota HRL;	fabric	
108-88-3	Toluene	Immune system,		Minnesota HBV		х
		Nervous system,				
		Respiratory system				
				WA Appen1; Minnesota HRL	Manufacturing of phenol,	
108-90-7	Chlorobenzene	Liver			aniline, DDT, paints, dry-	х
					cleaning	
				HSDB; IRIS; WA Appen1	In org synthesis,	
					manufacture of insecticides,	
108-91-8	Cyclohexlamine	Reproduction, Skin			plasticizers, emulsifying	х
					agents, dry-cleaning soaps	
				WA Appen1; WA CHCC; Minnesota	Disinfectants, chemical	
		Development, Eyes,		HRL; Minnesota HRV	intermediate for	
108-95-2	Phenol	Respiratory system		Tince, willinesoca tince	caprolactam, biphenyl A,	x
		Respiratory system			phenolic resins	
109-09-1	2-Chloropyridine	Development, Liver		EPA - RBP	Chemical mfg	х
				OECD - SIDS/SIAR	Corrosion inhibitor,	
109-55-7	3-Aminopropyldimethylamine	Respiratory system,		·	surfactants, liquid soaps,	x
	,	Skin			water treatment	
				OECD - SIDS/SIAR; WA Appen1	Solvent, production of	
100 00 2	1-chlorobutane	Downerd wation			organolithium compound,	
109-69-3	1-chlorobutane	Reproduction			butylating agent	х
				Maine (CA Prop 65); WA Appen1;	Solvent for low viscosity	
		Blood, Cancer,		WA CHCC; Minnesota HRV	cellulose acetate, natural	
109-86-4	Ethylene glycol monomethyl ether	Reproduction			resins, dyeing leather,	Х
					perfume fixative,	
					photographic film	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
			Persistent, very			_
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
109-89-7	Diethylamine	Eyes, Respiratory system, Skin		HSDB; NTP	Rubber chemicals, textile specialties, selective solvent, dyes, resins	х
109-99-9	Tetrahydrofuran	Cancer		IARC-2B	polish and cleaning agent, adhesives, stain, paint, varnish removers, sealants, lubricating oils, coating products, pharmaceuticals, polymer production solvent, synthetic perfumes, insecticides, printing inks, dyes, lacquers, PVC cement	x
110-00-9	Furan	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Chemical intermediate for tetrahydrofuran, used in production of pharmaceuticals, agriculture chemicals, formation of lacquers, solvent for resins	х
110-49-6	Ethylene glycol monomethyl ether acetate	Development, Reproduction		Maine (CA Prop 65); WA Appen1	Solvent for nitrocellulose, various gums, resins, silkscreening inks, industrial solvent	
110-54-3	n-hexane	Nervous system		WA Appen1; Minnesota HRL; Minnesota HRV	Solvent for extraction of oils, thermometers, cleaning agent, abused chemical	х
110-65-6	1,4-Butynediol	Eyes, Kidney, Liver, Respiratory system, Skin		HSDB; WA Appen1	Hydrogenation to butanaediol and betenediol intermediate of synthesis of polyols, insecticides, pharmaceuticals, paint, corrosion inhibitor	х



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
Number	Chemical Name	ricartii Eliapoliit(3)	(VI VD)	EPA - RBP	Industrial solvent, in lithium	Circinical
	Ethane, 1,2-dimethoxy- (also known	Adrenal gland, Blood,			batteries, coatings	
110-71-4	as 1,2-Dimethoxyethane, or	Development,				
	Monoglyme)	Reproduction, Thymus				
				Maine (CA Prop 65); WA Appen1;	Solvent for nitrocellulose,	
		Development,		WA CHCC; Minnesota HRV	lacquers and dopes, in	
110-80-5	Ethylene glycol monoethyl ether	Reproduction			varnish removers, cleansing	
		Reproduction			solution, printing inks	
				Maine (CA Bran CE): MA Annon1	Dhawara acuticala vitamaina	
110-86-1	Pyridine	Cancer		Maine (CA Prop 65); WA Appen1	Pharmaceuticals, vitamins,	x
110-80-1	Pyridine	Cancer			flavoring, water proofing	X
				Maine (CA Prop 65); WA Appen1;	In automobile lacquers,	
				Minnesota HRV	chemical intermediate for	
	Ethylene glycol monoethyl ether	Development,			synthesis of 2-ethoxyethyl	
111-15-9	acetate	Reproduction			cyanoacrylate, solvent in	Х
					paints, inks	
				OECD- SIDS/SIAR	Chemical intermediate for	
	2-(2-aminoethylamino)ethanol				surfactants, personal care	
111-41-1	(AEEA)	Development, Skin			products, pharmaceuticals,	Х
					cleaning agents	
				IARC 2B	soaps, shampoos, cosmetics,	
					cleaners, chemical	
111-42-2	Diethanolamine	Cancer			intermediate, humectant,	x
					softening agent	
				Maine (CA Prop 65; IRIS); WA	Reagent, solvent, scavenge	
111-44-4	Bis(2-chloroethyl)ether	Cancer		Appen1; Minnesota HRL	lead deposits in gasoline,	x
		53.1661			anesthetic, pesticide mfg	, î
				MAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	La la calca di a fini da a cana P	
				WA Appen1; Minnesota HRV	In hydraulic fluids, coupling	
111-76-2	2-butoxyethanol	Blood			agent in water-based coatings, acetate esters	x
					coatings, acctate esters	



	T		Persistent,	I		
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
200			Persistent, very		= 1/1 1/	Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
				EPA - RBP	Specialty solvent, production	
					of plastics, manufacture of	
111-96-6	(bis(2-methoxyethyl)ether (Diglyme)	Blood, Development			semiconductor chips,	х
					sealants	
	1,2-bis(2-methoxyethoxy)ethane			ECHA Substances of Very High	solvent	
112-49-2	(TEGDME; triglyme)	Reproduction		Concern		
				OECD - SIDS/SIAR	Solvent for sulfur, acid	
				0202 0.23,2	gases, various resins and	
112-57-2	Tetraethylenepentamine (TEPA)	Skin			dyes, saponifying agent for	x
					acidic materials	
114-26-1	Branawir	Cancor		Maine (CA Prop 65); WA Appen1	Pesticide	
114-20-1	Propoxur	Cancer				
				Maine (OSPAR Chemicals of	Flame retardant in	
	4,7-methanoisobenzofuran-1,3-			Concern); WA Appen1	unsaturated polyester	
115-27-5	dione, 4,5,6,7,8,8-hexachloro-		х		resins, hardener for epoxy	x
	3a,4,7,7a-tetrahydro-				resins, polymers for building	
					materials	
115-28-6	Chlorendic acid	Cancer		Maine (CA Prop 65; NTP 11th ROC);	Flame retardant	
				WA Appen1	D. Maida /FDA whose sub	
				Maine (EU PBT List; OSPAR	Pesticide (EPA phase-out	
115-29-7	Endosulfan	Endocrine system	x	Chemicals of Concern; OSPAR	proposed)	
				Chemicals for Priority Action); WA Appen1		
				Maine (EPA Final PBT Rule for TRI;	Pesticide	
				OSPAR Chemicals of Concern;	T esticiae	
115-32-2	Dicofol	Endocrine system	x	OSPAR Chemicals for Priority		
113 32 2	Dicoro.	Endocrine oyoto	"	Action); WA Appen1; Oregon P3		
				List		
	Black of Add (2012) 1 homowythick 2			Maine (Canada PBiT); WA Appen1	Indicator dye	
115-39-9	Phenol, 4,4'-(3H-2,1-benzoxathiol- 3-ylidene)bis[2,6-dibromo-, S,S-dioxide		х			
	, , , , , , , , , , , , , , , , , , , ,					
	Phenol, 4,4'-(3H-2,1-benzoxathiol- 3-			Maine (Canada PBiT); WA Appen1	pH indicator dye	
115-40-2	ylidene)bis[2-bromo-6-methyl-, S,S-		х			
	dioxide					
115-86-6	T : based about the (TDD)	Reproductive;		Markington CHCC	C	
115-86-0	Triphenyl phosphate (TPP)	Endocrine System;		Washington CHCC	flame retardant; nail polish	x
		Developmental				



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
			(31 32)	Maine (CA Prop 65); WA Appen1;	Additive plasticizer and	
					viscosity regulator with	
115-96-8	Tris(2-chloroethyl) phosphate	Cancer, Reproduction		Very High Concern	flame-retarding properties,	
110 00 0	more simon seemy, y priespinate	cancer, reproduction		Tery man content	in flexible urethane foam	
116-06-3	Aldicarb	Nervous system		WA Appen1; Minnesota HRL	Pesticide	
				Maine (CA Prop 65; NTP 11th ROC);	Preparation of propellants	
				WA Appen1	for food product aerosols,	
116-14-3	Tetrafluoroethylene	Cancer			monomer for	
110-14-5	retrandoroethylene	Cancer			polytetrafluoroethylene	
					resins	
116-29-0	benzene, 1,2,4-trichloro-5-[(4-		x	Maine (OSPAR Chemicals of	Pesticides (EPA reg.	
110-29-0	chlorophenyl)sulfonyl]-		^	Concern); WA Appen1	cancelled)	
	1H-indene, 2,3-dihydro-1,1,3,3,5-			Maine (OSPAR Chemicals of	PAH (chem-class)- musk	
116-66-5	pentamethyl-4,6-dinitro- (Moskene)		х	Concern; Canada PBiT); WA	compound	
	· · · · · · · · · · · · · · · · · · ·			Appen1		
117-10-2	Dantron (Chrysazin; 1,8-	Cancer		Maine (CA Prop 65; NTP 11th ROC);	Antioxidant synthetic	
117 10 2	Dihydroxyanthraquinone)	caricer		WA Appen1	lubricant, fungicide	
117-79-3	2-Aminoanthraquinone	Cancer		Maine (CA Prop 65; NTP 11th ROC);	Chemical intermediate for	
117-79-3	2-Ammoantmaqumone	Caricer		WA Appen1	dyes	
				Maine (CA Prop 65; IRIS; NTP 11th	Plastics, imitation leather,	
				ROC; NTP CERHR; OSPAR Chemicals	rainwear, footwear,	
	1,2-benzenedicarboxylic acid, bis(2-	Cancer, Development,		of Concern; EuC Endocrine	upholstery, flooring	
117-81-7	ethylhexyl) ester (DEHP) (DOP)	Endocrine system,	х	Disruptor Priority List; ECHA		х
	(phthalate)	Reproduction		Substances of Very High Concern);		
				WA Appen1; Minnesota HRL-EPA-		
				MCL		
117-82-8	Bis(2-methoxyethyl) phthalate	Reproduction		ECHA Substances of Very High	plasticizer	
117 02 0	(DMEP)	Reproduction		Concern		



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			Hitalia Barada attan
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
118-74-1	Hexachlorobenzene	Cancer, Development, Endocrine system	x	Maine (CA Prop 65; IRIS; NTP 11th ROC; OSPAR Chemicals of Concern; EuC Endocrine Disruptor Priority List; EPA Final PBT Rule for TRI; TRI PBT Chemical List; EPA Priority PBT; NWM Priority Chemicals; WA PBT List; Canada PBiT); WA Appen1; WA CHCC; Oregon P3 List; Minnesota HRL	Pesticide (EPA reg. cancelled), plasticizer	
118-79-6	2,4,6-tribromophenol	Eyes, Kidney		OECD - SIDS/SIAR	Flame retardant	
118-96-7	2,4.6-Trinitrotoluene (TNT)	Cancer		CA Prop 65; WA Appen1	Explosive	х
119-34-6	4-Amino-2-nitrophenol	Cancer		Maine (CA Prop 65); WA Appen1	Dyeing furs, hair dyes, etching copper printing plates	
119-47-1	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	Reproduction		OECD - SIDS/SIAR	Stabilizer, antioxidant in rubber industry	х
119-61-9	Benzophenone	Kidney, Liver			Fixative for heavy perfumes, paints, lacquers, varnish, cosmetics, UV absorbers, occurs naturally in some foods	x
119-64-2	1,2,3,4-Tetrahydronaphthalene (Tetralin)	Blood, Skin, Spleen		OECD - SIDS/SIAR	Solvent and industrial intermediate	х
119-90-4	3,3'-Dimethoxybenzidine (o- Dianisidine)	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Chemical intermediate, used in dyeing leather, paper plastic	
119-93-7	3,3'-Dimethylbenzidine (ortho- Tolidine)	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1; WA CHCC	Chemical intermediate for azo dyes, curing agent for urethane resins	
120-12-7	Anthracene		х	Maine (NWM Priority Chemicals; EU PBT List; OSPAR Chemicals of Concern; ECHA Substances of Very High Concern); WA Appen1; Oregon P3 List; Minnesota HRL	Production of anthraquinone, for dyes, syn fibers, plastics, dyes,	



			Persistent,			
			*			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
			Persistent, very			
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
				Maine (EuC Endocrine Disruptor	Preservative	
120-47-8	Ethyl 4-hydroxybenzoate	Endocrine system		Priority List); WA Appen1; WA		
				CHCC		
120-71-8	p-Cresidine	Cancer		Maine (CA Prop 65; NTP 11th ROC);		
				WA Appen1 Maine (CA Prop 65); WA Appen1	Antioxidant in rubber,	
					chemical, photographic, dye,	
120-80-9	Catechol	Cancer			fat, oil, anti-fungal	×
120-80-9	Catechor	Cancer			preservative, photographic	^
					developer	
				Maine (NWM Priority Chemicals;	Dye carrier, degreasing	
				EU PBT List; OSPAR Chemicals of	agent, pesticide (not EPA	
120-82-1	1,2,4-Trichlorobenzene		x	Concern; OSPAR Chemicals for	registered)	х
	,,			Priority Action); WA Appen1	8	
				, , , , , , , , , , , , , , , , , , , ,		
				WA Appen1; Minnesota HRL	Synthesis of antihelminthics,	
					feedstock for mothproofing	
120-83-2	2,4-Dichlorophenol	Immune system			antiseptics, organic chemical	
120-83-2	2,4-Dictilol optienol	illilliulle systelli			synthesis	
				/		
120-95-6	phenol, 2,4-bis(1,1-dimethylpropyl)-		х	Maine (OSPAR Chemicals of	Chemical intermediate for	
	, , , , , , , , , , , , , , , , , , , ,			Concern); WA Appen1	aryl acid chlorides	
				Maine (CA Prop 65; OSPAR	Chemicals intermediate for	
	hammana 1 maathad 2.4 dimitma 0./2.4			Chemicals of Concern); WA	gelatinizing and	
121-14-2	benzene, 1-methyl-2,4-dinitro- 9 (2,4-	Cancer, Reproduction	х	Appen1; ECHA Substances of Very	waterproofing agent,	
	Dinitrotoluene)			High Concern	explosives intermediate,	
					rubber chemicals, plastics mfg	
				IRIS; WA Appen1	Manufacture of dyes,	
121-69-7	N-N-Dimethylaniline	Blood, Spleen		inis, wa appeni	vanillin	
121-75-5	Malathion	Nervous system		IRIS; WA Appen1	Pesticide	
		2		ATSDR; HSDB; WA Appen1	Explosive, rat poison, base	
121-82-4	Cyclonite (RDX)	Reproduction			charge for detonators	x
				Maine (EuC Endocrine Disruptor	Pesticide	
122-14-5	Fenitrothion	Endocrine system		Priority List); WA Appen1		



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
122-34-9	Simazine	Blood		WA Appen1; Minnesota HRL-EPA - MCL	Pesticide	
122-39-4	N,N-Diphenylamine	Kidney, Liver		IRIS; WA Appen1	Mfg dyes, rubber antioxidants and stabilizers	х
122-42-9	Propham	Nervous system, Spleen		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
				Maine (CA Prop 65); WA Appen1;	Stabilizer of halogenated	
				IARC 2B	compounds, plasticizer for	
122-60-1	Phenyl glycidyl ether	Cancer			epoxy resins, monomer for	
					photoreactive polymers	
				Maine (CA Prop 65; IRIS; NTP 11th	Chemical intermediate for	
122-66-7	Hydrazobenzene (1,2-	Cancer		ROC); WA Appen1	benzidine, synthesis of	
122-00-7	Diphenylhydrazine)	Caricer			phenylbutazone, additive to	
					motor oil	
				Cal Prop 65	preparation of perfume	
					chemicals and flavoring;	
					insect repellent; detergents;	
123-35-3	beta-Myrcene	Cancer			solvent or diluting agent for	Х
					dyes and varnishes; chemical	
					intermediate	
				HSDB; WA Appen1	Manufacture of propionic	
123-38-6	Propionaldehyde	Skin		, ,	acid, polyvinyl plastics	x
				HSDB	Intermediate in synthesis of	
123-39-7	N-Methylformamide	Development, Liver			pesticides, methyl	
					isocyanate mfg	
		Eyes, Respiratory		HSDB	Rubber accelerators,	
123-72-8	Butyraldehyde	system, Skin			synthesis of resins, solvents,	х
		System, Skill			plasticizers	
				HSDB	Foaming agent for plastics,	
123-77-3	Azodicarboxamide	Respiratory system,			blowing agent for synthetic,	x
		Skin			natural rubber	



			Persistent,			
			*			
			Bioaccumulative,			
			Toxic (PBT) or very			High Dundretine
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
				Maine (CA Prop 65; IRIS; NTP 11th	Stabilizer for chlorinated	
		Cancer, Eyes,		ROC); WA Appen1; WA CHCC;	solvents, solvent, wetting	
123-91-1	1,4-Dioxane	Respiratory system		Minnesota HRV	and dispersing agent,	
		Respiratory system			solvent of pulping wood	
		Eyes, Respiratory		HSDB; WA Appen1;	Accelerator in vulcanizing	
124-40-3	Dimethylamine	system, Skin			rubber, detergents,	х
		System, skin			pesticides	
124-48-1	Dibromochloromethane	Liver		WA Appen1; Minnesota HRL	Chemical intermediate,	
124 40 1		Livei			reagent	
	Monomethylarsonic acid			IARC 2B	former herbicide	
124-58-3	(methylarsonic acid; MMA) (arsenic	Cancer				
	compound)					
	Phenol, 4,4'-(3H-2,1-benzoxathiol- 3-			Maine (Canada PBiT); WA Appen1	Reagent	
125-31-5	ylidene)bis[2,5-dimethyl-, S,S-dioxide		x			
	(Xylenol Blue)					
	,					
		5 1		OECD - SIDS/SIAR	Solvent for aromatics	
126-33-0	Tetrahydrothiophene 1,1-dioxide	Development, Kidney,			extraction in petroleum	x
		Reproduction			refining, curing agent,	
	T: (2.2.12)			AA : /CA D	pharmaceutical	
126-72-7	Tris(2,3-dibromopropyl)phosphate	Cancer		Maine (CA Prop 65; IARC; NTP 11th	Flame retardant	
	(tris)			ROC); WA Appen1	DI I I I I I I I	
426 72 0	T :	81.11		OECD - SIDS/SIAR; WA Appen1	Plasticizer, hydraulic fluid,	
126-73-8	Tributyl phosphate (TBP)	Bladder			antifoam agent, extratant	x
				HCDR · IDIS · WA Appen1	In preparation of	
				HSDB; IRIS; WA Appen1	homopolymers and	
126-98-7	Methylacrylonitrile	Liver			copolymers, vinyl nitrile	
					monomer monomer	
				Maine (CA Prop 65; NTP 11th ROC);		
126-99-8	Chloroprene	Cancer		WA Appen1	artificial rubber mfg,	x
120-33-0	Chioroprene	Caricer		MAYAbbelli	neoprene	_ ^
				Maine (CA Prop 65; IARC; NTP 11th		
	Tetrachloroethylene	Cancer, Eyes, Nervous		ROC); WA Appen1; WA CHCC;	cleaning, processing,	
127-18-4	(Perchloroethylene)	system, Respiratory		Minnesota HRV	finishing, scouring, solvent	х
	(, c. c. inoroccity iche)	system		Willing Social Filty	innaming, acouring, solvent	
				ECHA Substances of Very High	solvent	
127-19-5	N,N-dimethylacetamide (DMAc)	Reproduction		Concern	Joivent	x
				CONCCIN	1	



			Danatatant			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
128-03-0	Potassium dimethyldithiocarbamate	Development		Maine (CA Prop 65); WA Appen1	Pesticide	
128-04-1	Sodium dimethyldithiocarbamate	Development		Maine (CA Prop 65); WA Appen1	Vulcanizing agent, corrosion inhibitor, water treatment, biocide	x
128-37-0	2,6-di-tertbutyl-p-cresol (BHT) Butylated Hydroxytoluene	Liver, Thyroid		OECD - SIDS/SIAR	Antioxidant for synthetic rubbers, plastics, soaps, used in packaging	x
128-63-2	pyrene, 1,3,6,8-tetrabromo-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	PAH (chem-class)	
128-69-8	perylo[3,4-cd:9,10-c'd']dipyran- 1,3,8,10-tetrone		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Paint, lacquers, varnishes (pigment)	
128-83-6	9,10-anthracenedione, 1-amino-2- bromo-4-[(4-methylphenyl)amino]- (CI 62100)		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Pigment	
129-00-0	Pyrene	Kidney	х	Maine (NWM Priority Chemicals; OSPAR Chemicals of Concern); WA Appen1; Oregon P3 List; Minnesota HRL	Research, optical brighteners and dyes	
129-15-7	2-Methyl-1-nitroanthraquinone (of uncertain purity)	Cancer		Maine (CA Prop 65); WA Appen1	Preparation of dyes	
129-43-1	1-Hydroxyanthraquinone	Cancer		Maine (CA Prop 65); WA Appen1	Production of dyes and pharmaceuticals	
129-73-7	benzenamine, 4,4'- (phenylmethylene)bis[N,N-dimethyl- (Leucomalachite green)		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Dye	
131-11-3	Dimethyl phthalate	Kidney		WA Appen1; WA CHCC; Minnesota HRL	Solvent, plasticizer, pharmaceutical, pesticide (EPA reg. cancelled)	х
131-17-9	Diallyl phthalate	Kidney, Liver		OECD - SIDS/SIAR	Plasticizer, stabilizer, dye carrier	х
131-18-0	Di-n-pentylphthalate (DPP) = Dipentylphthalate	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Plasticizer	



			Persistent,			
			,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Duaduction
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
	Benzophenone-2 (Bp-2), 2,2',4,4'-			Maine (EuC Endocrine Disruptor	UV screen	
131-55-5	tetrahydroxybenzophenone	Endocrine system		Priority List); WA Appen1; WA		
	John Strategy Control of the Control			CHCC		
	2,4-Dihydroxybenzophenon =			Maine (EuC Endocrine Disruptor	UV screen	
131-56-6	Resbenzophenone	Endocrine system		Priority List); WA Appen1		
	Mono-n-butylphthalate (MPB)			Maine (EuC Endocrine Disruptor	Plasticizer	
131-70-4	(MBuP)	Endocrine system		Priority List); WA Appen1		
	,					
131-89-5	Dinex	Eyes		IRIS; WA Appen1	Pesticide (not EPA	
		,		(0.0 0.05) WA Assessed	registered)	
132-27-4	o-Phenylphenate, sodium	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
				A - : (ADA/A A Duiguita Chaminala)	It and transfer all due	
132-64-9	Dibenzofuran		х	Maine (NWM Priority Chemicals);	Heat transfer oil, dye,	
				WA Appen1	printing textiles	
				Maine (OSPAR Chemicals of	From petroleum, in cosmetic	
132-65-0	Dibenzothiophene		x	Concern); WA Appen1	and pharmaceuticals, intermediate	
					intermediate	
				Maine (CA Prop 65); WA Appen1	Pesticide	
133-06-2	Captan	Cancer		Maine (CA Prop 63), WA Appens	Pesticide	
				Maine (CA Prop 65; IRIS); WA	Pesticide	
133-07-3	Folpet	Cancer		Appen1	resticiae	
				Maine (EU PBT; OSPAR Chemicals	Peptizer for synthetic and	
133-49-3	Pentachlorobenzenethiol		x	of Concern; Canada PBiT); WA	natural rubbers	
133 43 3	T CITE CITE CITE CITE CITE CITE CITE CIT		<b>X</b>	Appen1	illaturar rubbers	
				Minnesota HRL; WA Appen1	Pesticide (EPA reg.	
133-90-4	Chloramben	Liver			cancelled)	
				Maine (CA Prop 65; NTP 11th ROC);	,	
134-29-2	o-Anisidine hydrochloride	Cancer		WA Appen1	dyes and pharmaceuticals	
10 . 20 =	o / unionamic myaracimizma	55		W// IPPS::12	dyce and promise	
				Maine (CA Prop 65); WA Appen1	Chemical intermediate for	
134-32-7	1-Naphthylamine	Cancer			dyes, agriculture chemicals	
					1, 1, 1, 1,	
10E 20 6		•		Maine (CA Prop 65; NTP 11th ROC);	Reagent	
135-20-6	Cupferron	Cancer		WA Appen1		
	2-Naphthalenecarboxamide, N-(5-			Maine (Canada PBiT); WA Appen1		
135-63-7	chloro-2-methylphenyl)-3-hydroxy-		х			
	(Naphthanilid KB)					



			Persistent,			I
			Bioaccumulative,			
			Toxic (PBT) or very			
			, ,			High Production
			Persistent, very			Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	1
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical
135-91-1	Benzenamine, 4,4'-methylenebis[N,N-		х	Maine (OSPAR Chemicals of	Chemical intermediate	
	diethyl-			Concern); WA Appen1		
				Maine (CA Prop 65; NTP 11th ROC);		
136-35-6	Diazoaminobenzene	Cancer		WA Appen1	dyes, insecticide	
	Di-n-propyl isocinchomeronate (MGK			Maine (CA Prop 65); WA Appen1	Pesticide	
136-45-8	Repellent 326)	Cancer		· · · · · · · · · · · · · · · · · · ·	resticiae	
		Body weight,		Maine (EuC Endocrine Disruptor	For vulcanization of rubbers	
	Tetramethyl thiuram disulfide	Development, EuC		Priority List); WA Appen1; EPA - HC	products and tires,	
137-26-8	(TMTD); (Thiram)	Endocrine Disruptor			pesticides	х
	(, (,	Priority List, Liver, Skin				
		1, 1, 1,		14 : (CA D	B	
427 42 0	Na Alexandra di Come	Cancer, Development,		, ,	Pesticide	
137-42-8	Metham sodium	Endocrine system		Disruptor Priority List); WA Appen1		
				Maine (CA Prop 65); WA Appen1	Antimicrobial agent	
138-93-2	Disodium cyanodithioimidocarbonate	Development				
				Maine (CA Prop 65; NTP 11th ROC);	Chelating and sequestering	
139-13-9	Nitrilotriacetic acid	Cancer		WA Appen1	agent, detergents,	
139-40-2	Propazine	Body Weight		IRIS; WA Appen1	Pesticide	
139-65-1	4,4'-Thiodianiline	Cancer		Maine (CA Prop 65; NTP 11th ROC);		
	5 (84 1 1) 2 1/5			WA Appen1	dyes, pharmaceutical	
139-91-3	5-(Morpholinomethyl)-3-[(5-	C		Maine (CA Prop 65); WA Appen1	Animal feed additive	
139-91-3	nitrofurfurylidene)-amino]-2-	Cancer				
	oxazolidinone (Furaltadone)			Maine (CA Prop 65; IRIS); WA	Antimicrobial	
140-57-8	Aramite	Cancer		Appen1	Antimicrobia	
				Maine (EuC Endocrine Disruptor	Chemical intermediate for	
				Priority List; OSPAR Chemicals of	surfactants	
140-66-9	4-(1,1,3,3-Tetramethylbutyl)phenol		x	Concern; OSPAR Chemicals for		x
	(p- octaphenol)			Priority Action); WA Appen1; WA		
				СНСС		
140-67-0	Estragala	Cancer		Maine (CA Prop 65); WA Appen1;	Flavoring, fragrance	
140-67-0	Estragole	Cancer		WA CHCC		
				Maine (CA Prop 65); WA Appen1	Component in latex paints,	
140-88-5	Ethyl acrylate	Cancer			in plastics and coatings	x
141-66-2	Dicrotophos	Development		IRIS; WA Appen1	Pesticide	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
142-04-1	Aniline hydrochloride	Cancer	(31 32)	Cal Prop 65	dyes; printing inks	31131111331
142-59-6	Nabam	Development		Maine (CA Prop 65); WA Appen1	Pesticide	
142-83-6	2,4-Hexadienal (89% trans, trans isomer; 11% cis, trans isomer)	Cancer		Maine (CA Prop 65); WA Appen1		
143-33-9	Sodium cyanide	Cardiovascular system, Liver, Nervous system, Thyroid		ATSDR; HSDB; WA Appen1	Cleaning metals, dyes, electroplating solutions, brighteners	x
143-50-0	Chlordecone (Kepone)	Cancer, Development, Endocrine system	х	Maine (CA Prop 65; NTP 11th ROC; EuC Endocrine Disruptor Priority List; WA PBT List; OSPAR Chemicals of Concern); WA Appen1; Oregon P3 List	Pesticide (not EPA registered), kelevan mfg	
145-39-1	Benzene, 1-(1,1-dimethylethyl)-3,4,5-trimethyl-2,6-dinitro- (Musk tibetine)		х	Maine (Canada PBiT); WA Appen1; Oregon P3 List	Fragrances	
145-73-3	Endothal	Gastrointestinal system		IRIS; WA Appen1	Pesticide	
148-18-5	Ditiocarb sodium	Body Weight, Eyes		IRIS; WA Appen1	Corrosion inhibitor, rubber accelerator	
149-30-4	Mercaptobenzothiazole	Eyes, Skin		HSDB	Fungicide, vulcanization agent for rubber, pharmaceutical	
149-57-5	2-Ethylhexanoic acid	Development		WA Appen1; WA CHCC	Cosolvent in pesticides, defoamer, PVC stabilizer, nursing pillow, baby foam mattress, foam baby washcloth, PVC plastic	x
150-50-5	Merphos	Nervous system		IRIS; WA Appen1	Pesticide defoliant (EPA reg. cancelled)	
151-50-8	Potassium cyanide	Body Weight, Nervous system, Thyroid		IRIS; WA Appen1	Electroplating, steel hardening	х



			Doveistant			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
				Maine (CA Prop 65); WA Appen1	Manufacture of melamine,	
					paper and textile chemicals,	
151-56-4	Ethyleneimine	Cancer			adhesive binders, insect	
					chemosterilizaton	
452.70.6	2 Amin fluores	Common		Maine (CA Prop 65); WA Appen1	Research	
153-78-6	2-Aminofluorene	Cancer				
				Maine (CA Prop 65); WA Appen1	Accelerator for rubber	
156-10-5	p-Nitrosodiphenylamine	Cancer			vulcanization, chemical	
					intermediate for dyes	
156 50 2	sis 1.2 Dishlarasthana	Blood		WA Appen1; Minnesota HRL	Solvent, chemical	
156-59-2	cis-1,2-Dichloroethene	Bioou			intermediate	
				WA Appen1; IRIS; Minnesota HRL	Solvent for waxes, resins,	
					and acetylcellulose, solvent	
156-60-5	trans-1,2-Dichloroethylene	Liver			for fats, phenols, camphor	х
				Maine (CA Prop 65; NTP 11th ROC;	Research, experimental	
				EPA Final PBT Rule for TRI; WA PBT	carcinogen, PAH (chem-	
189-55-9	Benzo(r,s,t)pentaphene	Cancer	Х	List; OSPAR Chemicals of Concern);	class)	
				WA Appen1		
				Maine (CA Prop 65; NTP 11th ROC;		
				EPA Final PBT Rule for TRI; OSPAR	exhaust, tobacco smoke,	
189-64-0	Dibenzo(a,h)pyrene	Cancer	x	Chemicals of Concern; WA PBT	urban air, PAH (chem-class)	
				LIST); WA Appen1		
191-07-1	Coronene		x	Maine (OSPAR Chemicals of	PAH (chem-class)	
				Concern); WA Appen1		
				Maine (EPA Final PBT Rule for TRI;	Research, combustion by-	
				TRI PBT Chemical List; NWM	product, PAH (chem-class)	
191-24-2	Benzo(g,h,i)perylene		x	Priority Chemicals; WA PBT List;		
	- (0, 7,11 - 7			OSPAR Chemicals of Concern); WA		
				Appen1; Oregon P3 List		
				Main a (OCDAD Charitation	Formation and the control of the con	
				Maine (OSPAR Chemicals of	Experimental carcinogen, in	
191-26-4	dibenzo[def,mno]chrysene		x	Concern); WA Appen1	exhaust, cigarette smoke,	
					PAH (chem-class)	



			Persistent,			
			*			
			Bioaccumulative,			
			Toxic (PBT) or very			Hitalia Barada attau
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
				Maine (CA Prop 65; IARC; NTP 11th		
191-30-0	Dibenzo(a,i)pyrene	Cancer	x	ROC; EPA Final PBT Rule for TRI;	combustion by-product, PAH	
131 30 0	Discrizo(a,r)pyrene	carreer	^	OSPAR Chemicals of Concern); WA	(chem-class)	
				Appen1		
					Experimental carcinogen, in	
				EPA Final PBT Rule for TRI; WA PBT	fossil fuels, tobacco smoke,	
192-65-4	Dibenzo(a,e)pyrene	Cancer	Х	List; OSPAR Chemicals of Concern);	gasoline exhaust, PAH (chem-	
				WA Appen1	class)	
				Maine (OSPAR Chemicals of	Biochemical research, in coal	
192-97-2	benzo[e]pyrene		Х	Concern); WA Appen1	tar, PAH (chem-class)	
					Research, combustion by-	
193-39-5	Indeno(1,2,3-cd)pyrene	Cancer	х	ROC; EPA Final PBT Rule for TRI;	product, PAH (chem-class)	
133 33 3				WA PBT List); WA Appen1; Oregon		
				P3 List		
104 50 0	711 811 ( )			Maine (CA Prop 65; NTP 11th ROC;		
194-59-2	7H-Dibenzo(c,g)carbazole	Cancer	х	EPA Final PBT Rule for TRI; WA PBT	(chem-class)	
				List); WA Appen1	DALL ( I )	
195-19-7	Benzo[c]phenanthrene		х	Maine (OSPAR Chemicals of	PAH (chem-class)	
				Concern); WA Appen1	One disconsisted durations	
100 55 0	Perylene [Polycyclic aromatic			Maine (WA PBT List; OSPAR	Organic semiconductors	
198-55-0	hydrocarbons (PAHs)]		Х	Chemicals of Concern); WA Appen1	mtg, PAH (cnem-class)	
202-33-5	Benz[j]aceanthrylene	Cancer		IARC 2B	PAH (chem-class)	
202 33 3	Denzyjaceantin ylene	Carreer			Cancer research, PAH (chem-	
205-82-3	Benzo(j)fluoranthene	Cancer	x	EPA Final PBT Rule for TRI; WA PBT	, ,	
200 02 0	Jenze(j)derantilene			List); WA Appen1	0.000)	
				Maine (CA Prop 65; NTP 11th ROC;	Research, combustion by-	
				EPA Final PBT Rule for TRI; IRIS; WA	•	
205-99-2	Benzo(b)fluoranthene	Cancer	Х	PBT List); WA Appen1; Oregon P3	(5.12.1.1.2.2.33)	
				List		
				Maine (EPA Final PBT Rule for TRI;	Lining materials from coal	
				WA PBT List; OSPAR Chemicals of	tar and asphalt, research,	
200 44.0	D (11)	W. L		Concern); Oregon P3 List; WA	fluorescent dyes, stabilizer	
206-44-0	Benzo(j,k)fluorene (fluoranthene)	Kidney, Liver	х	,	in epoxy adhesives, PAH	
					(chem-class)	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
			(33.32)	Maine (CA Prop 65; IRIS; NTP 11th	Combustion by-product,	
				ROC; EPA Final PBT Rule for TRI;	PAH (chem-class)	
207-08-9	Benzo(k)fluoranthene	Cancer	x	WA PBT List; OSPAR Chemicals of	,	
	1			Concern); WA Appen1; Oregon P3		
				List		
208-96-8	A concurbation of			Maine (NWM Priority Chemicals);	From oil furnace black, PAH	
208-96-8	Acenaphthylene		х	WA Appen1	(chem-class)	
215-58-7	Benzo[b]triphenylene		x	Maine (OSPAR Chemicals of	Combustion by-product,	
213-36-7	венго[в]тирненувене		X	Concern); WA Appen1	PAH (chem-class)	
217-59-4	Triphenylene		x	Maine (OSPAR Chemicals of	Combustion by-product,	
217-33-4	Прпенулене		^	Concern); WA Appen1	PAH (chem-class)	
				Maine (CA Prop 65; IRIS; EPA Final	Distillation of coal tar, PAH	
				PBT Rule for TRI; WA PBT List;	(chem-class)	
218-01-9	Benzo(a)phenanthrene	Cancer	х	OSPAR Chemicals of Concern); WA		
				Appen1; Oregon P3 List		
224-41-9	Dibenz[a,j]anthracene		x	Maine (OSPAR Chemicals of	Combustion, PAH (chem-	
			^	Concern); WA Appen1	class)	
				, , , , , , , , , , , , , , , , , , , ,	Biochemical research,	
224-42-0	Dibenz(a,j)acridine	Cancer	x	EPA Final PBT Rule for TRI; WA PBT	tobacco smoke and urban	
				List); WA Appen1	air, PAH (chem-class)	
				Maine (CA Prop 65; NTP 11th ROC;	Biochemical research,	
226-36-8	Dibenz(a,h)acridine	Cancer	x	EPA Final PBT Rule for TRI; WA PBT	tobacco smoke and urban	
220 30 0	Bibenz(a)n)achame	Currect	^	List); WA Appen1	air, PAH (chem-class)	
				Maine (CA Prop 65); WA Appen1	Coumarone-indene resins	
					(plastic) mfg, water	
271-89-6	Benzofuran	Cancer			resistance, processing coal	
					tar into coal oil	
				Maine (EU PBT List; OSPAR	Intermediate in production	
				Chemicals of Concern; OSPAR	of polyamides, polyesters,	
294-62-2	Cyclododecane		x	Chemicals for Priority Action; ECHA	nylon 12	
				Substances of Very High Concern);		
				WA Appen1		
	4,7-methanoisobenzofuran,			Maine (OSPAR Chemicals of	Insecticide	
297-78-9	1,3,4,5,6,7,8,8-octachloro-		x	Concern); WA Appen1		
	1,3,3a,4,7,7a-hexahydro-					



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
298-00-0	Methyl parathion	Blood		IRIS; WA Appen1	Pesticide	
298-04-4	Disulfoton	Nervous system		WA Appen1; Minnesota HRL	Insecticide	
300-76-5	Naled	Nervous system		IRIS; WA Appen1	Pesticide, disinfectant	
				Maine (CA Prop 65; EU	Mordent, varnishes, lead	
301-04-2	Lead acetate	Cancer, Reproduction		Reproductive toxicant); WA	driers, chrome pigments	
				Appen1		
301-12-2	Oxydemeton methyl	Reproduction		Maine (CA Prop 65); WA Appen1	Pesticide	
				Maine (CA Prop 65; IRIS; NTP 11th	Oxygen scavenger,	
302-01-2	Hydrazine	Cancer		ROC); WA Appen1; Minnesota HRV	propellant, reagent,	x
					reducing agent	
				IARC 2A	chemical reagent,	
302-17-0	Chloral Hydrate	Cancer			manufacture of DDT,	
					sedative	
303-34-4	Lasiocarpine	Cancer		Maine (CA Prop 65); WA Appen1	Research	
				Maine (CA Prop 65; NTP 11th ROC);	Research, natural metabolite	
303-47-9	Ochratoxin A	Cancer		WA Appen1	of molds - toxic	
		Adrenal, Eyes, Liver,		EPA - HC	Refrigerant, air conditioning,	
306-83-2	2,2-Dichloro-1,1,1-trifluoroethane	Pancreas,			fire fighting	Х
		Reproduction				
				ECHA Substances of Very High	prodction of fluoropolymers	
307-55-1	Tricosafluorododecanoic acid		Х	Concern (vPvB)	and fluorotelomers	
				Maine (CA Prop 65; IRIS; EPA Final	Pesticide (EPA reg.	
200 00 2				PBT Rule for TRI; TRI PBT Chemical	cancelled)	
309-00-2	Aldrin	Cancer	Х	List; EPA Priority PBT; WA PBT List;		
				OSPAR Chemicals of Concern); WA		
				Appen1	0	
319-84-6	alpha-Hexachlorocyclohexane (alpha-	Cancer	х	Maine (IRIS); WA Appen1; Oregon	Component of benzene	
	НСН)			P3 List	hexachloride	
				Maine (OSPAR Chemicals of	Pesticide (not EPA	
319-85-7	beta-HCH	Endocrine system	x	Concern; EuC Endocrine Disruptor	registered)	
				Priority List); WA Appen1; Oregon P3 List		
				Maine (OSPAR Chemicals of	Pesticide (not EPA	
327-98-0	phosphonothioic acid, ethyl-, O-ethyl		x	Concern); WA Appen1	registered)	
327 33-0	O-(2,4,5-trichlorophenyl) ester		^	Concern, WA Appeni	i chistorouj	
L	1			1	1	1



			Dorsistant			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Dundrichion
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
330-54-1	Diuron	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
				Maine (CA Prop 65; EuC Endocrine	Pesticide	
330-55-2	Linuron	Blood, Cancer,	x	Disruptor Priority List); WA		
330-33-2	Linuron	Endocrine system	^	Appen1; Oregon P3 List; Minnesota		
				HRL		
331-39-5	Caffeic acid	Cancer		Maine (CA Prop 65); WA Appen1	Natural compound, research	
333-41-5	Diazinon		Х	WA Appen1; Oregon P3 List	Pesticide	
335-57-9	heptane, hexadecafluoro-		x	Maine (OSPAR Chemicals of	Electrical engineering	
333-37-9	nieptane, nexadecandoro-		X	Concern); WA Appen1	applications	
	Perfluorooctanoic Acid (PFOA) and	Development,		Minnesota HRL	Anti-stain coatings	
335-66-0	Salts	Immune system, Liver	x			
	Suits	minute system, Erver				
	Perfluorooctanoic Acid (PFOA) and	Development,		Oregon P3 List; Minnesota HRL	Anti-stain coatings	
335-67-1	Salts	Immune system, Liver	Х			
225.76.2	New adversion and a second	, .		SCHA Culatara a a stata a un librato Cana	DEC	
335-76-2	Nonadecafluorodecanoic acid	Reproductive	Х	ECHA Substances of Very High Conc		
335-93-3	Perfluorooctanoic Acid (PFOA) and	Development,	v	Minnesota HRL	Anti-stain coatings	
333-33-3	Salts	Immune system, Liver	х			
				Minnesota HRL	Anti-stain coatings	
335-95-5	Perfluorooctanoic Acid (PFOA) and	Development,	x	IVIIIIICSOLU TINE	Anti Stani Coatings	
333 33 3	Salts	Immune system, Liver	^			
				Maine (OSPAR Chemicals of	Electrical engineering	
355-42-0	hexane, tetradecafluoro- (Perflexane)		х	Concern); WA Appen1	applications, solvent, heat	
				,	transfer	
255 42 4	hexane, 1,1,1,2,2,3,3,4,4,5,5,6,6-			Maine (OSPAR Chemicals of	Used in chemical synthesis	
355-43-1	tridecafluoro-6-iodo-		х	Concern); WA Appen1		х
	Perfluorohexanesulfonic acid (PFHxS)	Liver system; Thyroid			PFC; stain-resistant fabrics;	
355-46-4			x	Minnesota HRL; ECHA Substances	fire-fighting foams; food	
355-40-4			X	of Very High Concern	packaging; industrial	
					surfactant	
373-02-4	Nickel acetate	Cancer		Maine (CA Prop 65); WA Appen1	Mordant in the textile	
3/3-02-4	TVICKEI acetate				industry	
375-22-4	Perfluorobutyrate (PFBA)	Development, Liver,		Minnesota HBV	Use in photographic film	
575 ZZ ¬		Thyroid				
375-72-4	1-butanesulfonyl fluoride,		x	Maine (OSPAR Chemicals of	Chemical synthesis, chemical	
	1,1,2,2,3,3,4,4,4-nonafluoro-		^	Concern); WA Appen1	intermediate	



			Dougistant			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Droduction
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
375-73-5	Perfluorobutane sulfonate (PFBS)(anion CAS: 45187-15-3)	Blood, Kidney, Liver		Minnesota HBV	Surfactant	
375-85-9	Perfluoroheptanoic acid [PFHpA]		x	Oregon P3 List	Anti-stain coatings	
375-95-1	Perfluorononanoic acid [PFNA]		Х	Oregon P3 List	Anti-stain coatings	
376-06-7	Heptacosafluorotetradecanoic acid		x	ECHA Substances of Very High Concern (vPvB)	prodction of fluoropolymers and fluorotelomers	
379-52-2	Stannane, fluorotriphenyl-		х	Maine (Canada PBiT); WA Appen1	Antifouling	
409-21-2	Silicon carbide whiskers	Cancer		IARC 2A	abrasive for polishing glass/granite; smoothing bisqueware; component of treads and break linings;	x
420-04-2	Cyanamide	Liver, Skin		HSDB	Raw materials for melamine and guanidine, herbicide	
423-50-7	1-hexanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Chemical synthesis, chemical intermediate	
427-45-2	stannane, fluorotris-p-chlorophenyl-		х	Maine (OSPAR Chemicals of Concern); WA Appen1		
434-90-2	Decafluorobiphenyl		х	Oregon P3 List	Analytical internal standard	
460-19-5	Cyanogen	Nervous system, Thyroid, Weight Loss		IRIS; WA Appen1	Fuel gas for welding and cutting, fumigant, rocket propellant	
465-73-6	Isodrin		х	Maine (EPA Final PBT Rule for TRI; TRI PBT Chemical List; OSPAR Chemicals of Concern; OSPAR Chemicals for Priority Action); WA Appen1; Oregon P3 List	Pesticide (not EPA registered)	
475-26-3	benzene, 1,1'-(2,2,2- trichloroethylidene)bis[4-fluoro-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (not EPA registered)	
475-71-8	Benzo[h]benz[5,6]acridino[ 2,1,9,8-klmna]acridine-8,16-dione		х	Maine (Canada PBiT); WA Appen1	Pigment	



			Persistent,			
			Bioaccumulative,			
			· · · · · · · · · · · · · · · · · · ·			
			Toxic (PBT) or very			High Production
			Persistent, very			
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
484-20-8	5-Methoxypsoralen with ultraviolet A therapy	Cancer		CA Prop 65; IARC 2A; WA Appen1	Fragrances, suntan, pharmaceutical	
492-80-8	Auramine	Cancer		Maine (CA Prop 65); WA Appen1	Dye, pesticide (EPA reg. cancelled), pharmaceutical	
496-72-0	3,4-toluenediamine (3,4-TDA)	Body weight, Development, Genotoxic, Kidney, Liver, Respiratory system		OECD - SIDS/SIAR	Chemical intermediate, research, former hair dye	
497-39-2	phenol, 2,4-bis(1,1-dimethylethyl)-5- methyl-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Chemical intermediate for rubber chemicals, phenolic resins	
506-61-6	Potassium silver cyanide	Nervous system, Thyroid, Weight Loss		IRIS; WA Appen1	Used in silver plating	
506-77-4	Chlorine cyanide	Nervous system, Thyroid, Weight Loss		IRIS; WA Appen1	Tear gas, warning agent, chemical synthesis	
509-34-2	Spiro[isobenzofuran-1(3H),9'- [9H]xanthen]-3-one, 3',6'- bis(diethylamino)- (Solvent Red 49)		х	Maine (Canada PBiT); WA Appen1	Solvent red 49, heat transfer fluids	
510-15-6	Benzeneacetic acid, 4-chloroalpha (4-chlorophenyl)alphahydroxy-, ethyl ester	Cancer	x	Maine (CA Prop 65; OSPAR Chemicals of High Concern); WA Appen1	Pesticide (EPA reg. cancelled)	
512-56-1	Trimethyl phosphate	Cancer		Maine (CA Prop 65); WA Appen1	Control of spark fouling, gasoline additive, chemical intermediate, industrial catalyst, ethylating agent, plasticizer, flame retardant, anti-foaming agent	
513-37-1	Dimethylvinylchloride	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Organic synthesis	
513-79-1	Cobalt(II) carbonate	Reproduction, Cancer		ECHA Substances of Very High Concern	in ceramics; manufacture of cobalt pigments; vet medication	х



			Doveistant			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Duaduction
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
515-03-7	1-Naphthalenepropanol, $\alpha$ - ethenyldecahydro- 2-hydroxy- $\alpha$ ,2,5,5,8a-pentamethyl-, [1R- [ $1\alpha$ (R),2 $\beta$ ,4 $\alpha$ 6,8 $\alpha$ 0]-		x	Maine (Canada PBiT); WA Appen1	Perfume, cosmetics	
527-20-8	benzenamine, 2,3,4,5,6-pentachloro-		x	Maine (OSPAR Chemicals of		
				Concern); WA Appen1	Synthesis of dyestuffs,	
528-29-0	o-Dinitrobenzene	Reproduction		Maine (CA Prop 65); WA Appen1	explosives	
531-82-8	N-[4-(5-Nitro-2-furyl)-2- thiazolyl]acetamide	Cancer		Maine (CA Prop 65); WA Appen1		
531-85-1	Benzidine dihydrochloride	Cancer		Maine (EU Carcinogen)	Chromogen	
531-86-2	Benzidine sulfate	Cancer		EU Carcinogen (C&L Inventory)	Dye	
532-27-4	2-Chloroacetophenone	Respiratory system		WA Appen1; Minnesota HRV	Riot control gas, alcohol denaturant, pharmaceutical intermediate, tear gas	
540-73-8	1,2-Dimethylhydrazine	Cancer		Maine (CA Prop 65; IARC); WA Appen1	Research, production of photographic chemicals	
540-97-6	Dodecamethylcyclohexasiloxane (D6)		х	ECHA Substances of Very High Concern		х
541-02-6	Decamethylcyclopentasiloxane (D5)		х	Maine CC; Oregon P3 List; ECHA Substances of Very High Concern	Hair preparations, antiperspirants, high purity silicone fluid, cosmetics, toiletries	x
542-56-3	Isobutyl nitrite	Cancer		Maine (CA Prop 65); WA Appen1	Chemical intermediate	
542-75-6	1,3-Dichloropropene	Cancer, Respiratory system		Maine (CA Prop 65; IRIS; NTP 11th ROC); WA Appen1; Minnesota HRL; Minnesota HRV	Pesticide	
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	
544-92-3	Copper cyanide	Body Weight, Kidney, Liver		IRIS; WA Appen1	Electroplating	



			Persistent,			
			Bioaccumulative,			
			,			
			Toxic (PBT) or very			High Production
			Persistent, very			Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
548-62-9	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien- 1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	Cancer		ECHA Substances of Very High Concern	dyes, inks, colorant, biological stain	
550-44-7	H-Isoindole-1,3(2H)-dione, 2-methyl-	Body Weight, Development, Liver		EPA - HC	Organic synthesis, high molecular weight polyetherimide polymers	
552-30-7	Trimellitic Anhydride (TMA)	Respiratory system		OECD - SIDS/SIAR	Plasticizers, adhesives, polymers, dyes	х
554-13-2	Lithium carbonate	Development		Maine (CA Prop 65); WA Appen1	Pharmaceutical, production of glazes on ceramic and electrical porcelain, catalyst	x
556-52-5	Glycidol	Cancer		Maine (CA Prop 65; IARC; NTP 11th ROC); WA Appen1	Alkylating agent, chemical intermediate for pharmaceuticals, cosmetics, stabilizer for natural oils	
556-67-2	Octamethylcyclotetrasiloxane (D4)		х	Maine CHC; ECHA Substances of Very High Concern; Oregon P3 List	Preparation of methyl silicon oils, silicon fluid mixtures, adhesives, cosmetics, personal care products, detergents	x
557-05-1	Zinc Stearate	Respiratory system		HSDB; WA Appen1	Dusting powders, pharmaceutical, astringent	х
557-21-1	Zinc cyanide	Nervous system, Thyroid, Weight Loss		IRIS; WA Appen1	Electroplating, metal plating	
559-11-5	2-propenoic acid, 2,2,3,3,4,4,5,5,6,6,7,		х	Maine (OSPAR Chemicals of Concern); WA Appen1		
561-41-1	4,4'-bis(dimethylamino)-4''- (methylamino)trityl alcohol	Cancer		ECHA Substances of Very High Concern	inks and toners	
563-12-2	Ethion	Nervous system		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
563-47-3	3-Chloro-2-methylpropene	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Pesticide mfg	х



			Persistent,			
			Bioaccumulative.			
			Toxic (PBT) or very			
						High Production
646			Persistent, very		11 5	Volume (HPV)
CAS	a		Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
563-80-4	3-Methyl-2-butanone	Development, Kidney		EPA - HC	Solvent for nitrocellulose lacquers	
569-61-9	C.I. Basic Red 9 monohydrochloride	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Textile dye, leather, paper, stain	
573-58-0	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	Cancer		ECHA Substances of Very High Concern	dye, gelling agent, biological stain, indicator	
576-26-1	2,6-Dimethylphenol	Body weight, kidney, liver, spleen		IRIS; WA Appen1	Starting material for phenolic resins	х
583-78-8	2,5-Dichlorophenol	Blood, Liver		HSDB	Chemical intermediate for dicamba	
584-84-9	Toluene 2,4-diisocyanate	Eyes, Respiratory system, Skin		HSDB	Polyurethane foams, elastomers, coatings, hardener for polyurethane adhesives and finishes	x
591-78-6	Methyl n-butyl ketone	Development		CA Prop 65; WA Appen1	Solvent used in paints, lacquers, thinners	
592-01-8	Calcium cyanide	Nervous system, Thyroid, Weight Loss		IRIS; WA Appen1	In stainless steel mfg, pesticide (EPA reg. cancelled)	
592-62-1	Methylazoxymethanol acetate	Cancer		Maine (CA Prop 65); WA Appen1	Research	
593-60-2	Vinyl bromide	Cancer		Maine (CA Prop 65; IARC; NTP 11th ROC); WA Appen1	Comonomer with acrylonitrile for fabrics, granular products, used in leather and fabricated metal products	
598-55-0	Methyl carbamate	Cancer		Maine (CA Prop 65); WA Appen1	Pharmaceutical intermediate, intermediate in mfg of dimethylol methyl carbamate resins	х
598-78-7	2-Chloropropanoic acid	Reproduction		CA Prop 65	Chemical intermediate in pesticide mfg	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Uso Evample/s) and/or	Volume (HPV)
	Chamical Name	Haalah Endusina/a		Sauras (a)	Use Example(s) and/or	Chemical <sup>1</sup>
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Cnemicai
602.07.0	E Niture and whate are	C		Maine (CA Prop 65); WA Appen1	Chemical intermediate for	
602-87-9	5-Nitroacenaphthene	Cancer			naphthalimide, a whitening	
				Maine (Canada PBiT); WA Appen1	agent	
603-33-8	Bismuthine, triphenyl-		x	Ividine (Canada PBIT), WA Appent		
603-48-5	Benzenamine, 4,4',4"-		х	Maine (Canada PBiT); WA Appen1		
003-40-3	methylidynetris[N,N-dimethyl-		^			
				ECHA Substances of Very High	propellants and explosives;	
605-50-5	Diisopentyl phthalate	Reproduction		Concern	plasticizer for PVC products	
				Maine (CA Prop 65); WA Appen1	Chemical intermediate for	
606-20-2	2,6-Dinitrotoluene	Cancer			toluene-2,6-diamine,	
					gelatinizing and	
				NA-in- (CA Duna CE) MAAAAAAA	waterproofing agent	
607-57-8	2-Nitrofluorene	Cancer		Maine (CA Prop 65); WA Appen1		
				Maine (OSPAR Chemicals of	Flame retardant	
608-71-9	phenol, pentabromo-		х	Concern; Canada PBiT); WA		
				Appen1		
				Maine (EuC Endocrine Disruptor	Pesticide (EPA reg.	
608-73-1	cyclohexane, 1,2,3,4,5,6-hexachloro-	Cancer	x	Priority Lists; IRIS; OSPAR	cancelled)	
	(HCH)			Chemicals of Concern); WA Appen1		
				Maine (EPA Final PBT Rule for TRI;	Chemical intermediate for	
				TRI PBT Chemical List; NWM	pentachloronitrobenzene	
				Priority Chemicals; WA PBT List;		
608-93-5	Pentachlorobenzene	Endocrine system	x	OSPAR Chemicals of Concern; EuC		
000-33-3	Pentacino obenzene	Endocrine system	^	Endocrine Disruptor Priority List;		
				Canada PBiT); WA Appen1; WA		
				CHCC; Oregon P3 List		
	1 chloro 2 (chloromothyl)honzono	Kidnov Posniratory		OECD - SIDS/SIAR	Chemical intermediate	
611-19-8	1-chloro-2-(chloromethyl)benzene (ochlorobenzyl chloride; OCBC)	Kidney, Respiratory system				
	(Samoroscrizy chloride, oese)	3,310111		Maine (FuC Fudanina Diagrata)	Diagtic management	
511-99-4	4,4'-Dihydroxybenzophenon	Endocrine system		Maine (EuC Endocrine Disruptor	Plastic monomer	
011-33-4	+,4 -Dinyuroxyberizophenon	Endocrine system		Priority List); WA Appen1		
612-82-8	3,3'-Dimethylbenzidine	Cancer		Maine (CA Prop 65); WA Appen1		
012 02 0	dihydrochloride	Caricer				



			Persistent,	4		
			Bioaccumulative,			
			Toxic (PBT) or very			
						High Production
CAS			Persistent, very		Lies Francula/s) and /su	Volume (HPV)
	Chaminal Name	the date for the stock of	Bioaccumulative	Commente)	Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
612-83-9	3,3'-Dichlorobenzidine	Cancer		Maine (CA Prop 65; NTP 11th ROC);	Intermediate for color dyes	x
	dihydrochloride			WA Appen1 Maine (CA Prop 65); WA Appen1	Research	
613-35-4	N,N'-Diacetylbenzidine	Cancer		Walle (CA Prop 65); WA Appeni	Research	
				Maine (CA Prop 65); WA Appen1	Preparation of hair and fur	
615-05-4	2,4-Diaminoanisole	Cancer			dyes, corrosion inhibitor for	
					steel	
615-53-2	N-Nitroso-N-methylurethane	Cancer		Maine (CA Prop 65); WA Appen1	Research	
615-54-3	1,2,4-Tribromobenzene	Liver	х	IRIS; WA Appen1		
		6		IRIS; WA Appen1	Production of	
616-23-9	2,3-Dichloropropanol	Cardiovascular			epichlorohydrin	
		system, Kidney, Liver				
		Reproductive;			polymer plastic resin,	
620-92-8	Bisphenol F (BPF)	Developmental;		Washington CHCC List	lotions, cosmetics	
		Endocrine System			lotions, cosmeties	
621-64-7	N-Nitrosodi-n-propylamine	Cancer		Maine (CA Prop 65; IRIS; NTP 11th	Research	
	The second of th			ROC); WA Appen1		
		Body Weight,		EPA - HC		
622-96-8	p - ethyltoluene	Development, Liver,				
	i ,	Mortality,				
		Reproduction		ATCOR LICER MAN Agree and	0	
624-83-9	Mathylicacyanata	Eyes, Reproduction,		ATSDR; HSDB; WA Appen1	Organic chemical synthesis,	
024-03-9	Methyl isocyanate	Respiratory			carbamate pesticides mfg	
				Maine (Canada PBiT); WA Appen1		
626-39-1	Benzene, 1,3,5-tribromo-		х	Walle (canada i bii), WA Appeni		
620.44.4	4.2 Disthese sales	Development/		ECHA Substances of Very High	solvent and dilutent for	
629-14-1	1,2-Diethoxyethane	Reproduction		Concern	detergents	
		Blood, Development,		Maine (CA Prop 65; EU	Combustion by product,	
630-08-0	Carbon monoxide	Reproduction		Reproductive Toxicant); WA	reducing agent in	x
		Reproduction		Appen1	metallurgical operations	
				WA Appen1; Minnesota HRL	Solvent, insecticides mfg,	
630-20-6	1,1,1,2-Tetrachloroethane	Kidney, Liver			bleaches, paints, varnishes	
631-64-1	Dibromoacetic acid	Cancer		Maine (CA Prop 65)	By product of water	
					disinfection	
632-79-1	1,3-isobenzofurandione, 4,5,6,7-		x	Maine (OSPAR Chemicals of	Flame retardant	x
	tetrabromo-			Concern); WA Appen1		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
632-99-5	Magenta	Cancer		IARC 2B	dye or dye intermediate	
				Maine (OSPAR Chemicals of	Dielectric fluids, chemical	
634-66-2	benzene, 1,2,3,4-tetrachloro-		х	Concern; Canada PBiT); WA	intermediate	
				Appen1		
				Maine (OSPAR Chemicals of	Research, intermediate for	
634-90-2	Benzene, 1,2,3,5-tetrachloro-		х	Concern); WA Appen1	pesticides, protection in	
					packaging	
636-21-5	o-Toluidine hydrochloride	Cancer		Maine (CA Prop 65; NTP 11th ROC);	Intermediate in dyes mfg	
030-21-3	0-10ididille flydrocfiloride	Caricer		WA Appen1		
638-21-1	Phenylphosphine	Development		CA Prop 65	Chemical intermediate,	
038-21-1	Frienyiphospiline	Development			reagent	
		Development,		EPA - HC	Production of high molecular	
646-06-0	1,3-Dioxolane	Reproduction			weight polyacetals	х
		Reproduction				
	1-Octanol, 3,3,4,4,5,5,6,6,7,7,8,8,8-			Maine (Canada PBiT); WA Appen1		
647-42-7	tridecafluoro-		X			
	a. accanació					
668-34-8	stannylium, triphenyl-		x	Maine (OSPAR Chemical of		
	- Committee of the control of the co			Concern); WA Appen1		
	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,			Maine (Canada PBiT); WA Appen1		
678-39-7	9,10,10,10-heptadecafluoro-		Х			
				Maine (CA Prop 65; NTP 11th ROC);		
	l			WA Appen1	aromatic polyamide fiber, de-	
680-31-9	Hexamethylphosphoramide	Cancer			icing additive for jet fuels,	
					solvent for polymers	
				OFCD CIDC/CIAD	One and the late was adjute for	
		Body Weight, Blood,		OECD - SIDS/SIAR	Organotin intermediate for	
683-18-1	Dibutyltin dichloride (DBTC)	Eyes, Immune System,			chemical and coating	х
		Kidney, Skin			production	
				Maine (CA Prop 65)	Chemical intermediate	
				Iviaine (CA Prop 65)		
684-16-2	Hexafluoroacetone	Reproduction			hexafluoroisopropanol,	
					polyacrylates, organic	
				Maine (Canada PBiT; EuC	synthesis Reducing agent, synthesis	
688-73-3	Stannane, tributyl-	Endocrine system	x	Endocrine Disruptor Priority List);	intermediate,	
000-73-3	Starmane, tributyr-	Endocrine system	^	WA Appen1	pharmaceutical	
				I ANY WAREILT	priarriaceuticai	



			Persistent,			
			Bioaccumulative.			
			Toxic (PBT) or very			High Production
			Persistent, very			
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
				IARC 2B	dyes and pigments,	
693-98-1	2-Methylimidazole	Cancer			hardener for epoxy resins,	
					agricultural chemicals,	
709-98-8	Propanil	Spleen		IRIS; WA Appen1	rubber Pesticide	
709-96-6	2-Amino-5-(5-nitro-2-furyl)-1,3,4-	Spieen		Maine (CA Prop 65); WA Appen1	resticiue	
712-68-5	thiadiazole	Cancer				
732-11-6	Phosmet	Body weight, Liver		IRIS; WA Appen1	Pesticide	
				Maine (OSPAR Chemicals of	Personal care products,	
732-26-3	2,4,6-tri-tert-butylphenol		x	Concern; OSPAR Chemicals for	medical devices	
752 20 5	z, i,o an core bacy.p.i.e.io.		^	Priority Action; Canada PBiT); WA		
				Appen1; Oregon P3 List		
754-91-6	Perfluorooctane sulfonamide [PFOSA]		x	Oregon P3 List	Anti-stain coatings	
759-73-9	N-Nitroso-N-ethylurea	Cancer		Maine (CA Prop 65; IARC; NTP 11th	Ethylating agent, plant	
755-75-5	iv-iviti 030-iv-etiiyidi ea	Caricer		ROC); WA Appen1	mutagen for study	
		Cancer,		Maine (CA Prop 65); Minnesota	Pesticide	
759-94-4	Ethyl dipropylthiocarbamate	Cardiovascular		HRL; WA Appen1		
, , ,	zany. a.p. opyminosa. zamate	system, Nervous				
		system				
				Maine (CA Prop 65); WA Appen1	Chemical intermediate	
764-41-0	1,4-Dichloro-2-butene	Cancer			resolving oil in water	Х
				Adding (CA Burn CE (DIC) ANA	mixtures	
765-34-4	Glycidaldehyde	Cancer		Maine (CA Prop 65; IRIS); WA	Research, crosslinking agent,	
705-34-4	Giycidaldenyde	Cancer		Appen1	veterinary pharmaceutical	
		Davidania		Maine (CA Prop 65; EuC Endocrine	Pesticide (EPA reg.	
700 02 6	benzene, 1-chloro-2-[2,2,2-trichloro-	Development,		Disruptor Priority List; OSPAR	cancelled)	
789-02-6	1-(4-chlorophenyl)ethyl]-	Endocrine system,	X	Chemical of Concern); WA Appen1		
		Reproduction				
				Maine (OSPAR Chemicals of	Antioxidant/antiozonant for	
793-24-8	4-(dimethylbutylamino)diphenylamin		х	Concern; OSPAR Chemicals for	rubber	х
				Priority Action); WA Appen1		
817-09-4	Trichlormethine (Trimustine hydrochloride)	Cancer		Maine (CA Prop 65); WA Appen1		
022.00.0		Eyes, Respiratory		OECD - SIDS/SIAR; WA Appen1;	Industrial surface coatings	
822-06-0	1,6-Hexamethylene diisocyanate	system, Skin		Minnesota HRV		



			Persistent,			
			,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
			Persistent, very			Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
				IARC 2B	dyes and pigments, oven	
822-36-6	4-Methylimidazole	Cancer			cleaner, agricultural	
024.42.0				IBIC WAA	chemicals, rubber	
834-12-8	Ametryn	Liver		IRIS; WA Appen1	Pesticide	
838-88-0	4,4'-Methylene bis(2-methylaniline)	Cancer		Maine (CA Prop 65); WA Appen1		
842-07-9	C.I. Solvent Yellow 14	Cancer		Maine (CA Prop 65); WA Appen1;	Dye	
		33.733		WA CHCC		
868-77-9	2-hydroxyethyl methacrylate	Kidney		OECD - SIDS/SIAR	In dyes, inks, coatings, adhesives, others	х
				Maine (CA Prop 65); WA Appen1;	solvent for resins, acetylene,	
872-50-4	N-Methylpyrrolidone	Development		WA CHCC	pigment dispersant, others	х
				Maine (EuC Endocrine Disruptor	Pesticide (EPA reg.	
886-50-0	Terbutryn	Endocrine system		Priority List); WA Appen1	cancelled)	
				Maine (EuC Endocrine Disruptor	Pesticide (not EPA	
900-95-8	Fentin acetate = triphenyltin acetate	Endocrine system		Priority List); WA Appen1	registered)	
924-16-3	N-Nitrosodi-n-butylamine	Cancer		Maine (CA Prop 65; IRIS; NTP 11th	Research	
				ROC); WA Appen1	A II	
924-42-5	N-Methylolacrylamide	Cancer		Maine (CA Prop 65); WA Appen1	Adhesives, surface coatings,	x
				Maine (CA Prop 65; IRIS; NTP 11th	binders Research, tobacco smoke	
930-55-2	N-Nitrosopyrrolidine	Cancer		ROC); WA Appen1	Research, tobacco smoke	
				IRIS; WA Appen1	Pesticide (EPA reg.	
944-22-9	Dyphonate	Liver, Nervous system		inis, wa appeni	cancelled)	
	Benzene, 1,2,3,4-tetrachloro-5,6-			Maine (Canada PBiT); WA Appen1	cancenea	
944-61-6	dimethoxy-		Х	Walle (canada i Bir), With ppeni		
				IRIS; WA Appen1	Pesticide (EPA reg.	
957-51-7	Diphenamid	Liver			cancelled)	
050.00.0	Forder of the second			Maine (NWM Priority Chemicals);	Pesticide (not EPA	
959-98-8	Endosulfan, alpha		Х	WA Appen1	registered)	
	Phosphoric acid, 2-chloro-1-(2,4,5-	Body weight, Kidney,		IRIS; WA Appen1	Pesticide	
961-11-5	trichlorophenyl)vinyl dimethyl	Liver, Nervous system				
	(Tetrachlorovinphos)	Liver, ivervous system				
1000-05-1	Tetrasiloxane, 1,1,3,3,5,5,7,7-		x	Maine (Canada PBiT); WA Appen1		
1000 03-1	octamethyl		^			



	1		Doveistant	1		
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
			Persistent, very			_
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
				Maine (EuC Endocrine Disruptor		
1022-22-6	p,p'-DDMU	Endocrine system		Priority List); WA Appen1		
				Maine (CA Prop 65; IRIS; NWM	Heptachlor metabolite	
				Priority Chemicals; WA PBT List;		
1024-57-3	Heptachlor epoxide	Cancer	х	OSPAR Chemicals of Concern); WA		
				Appen1l Oregon P3 List; Minnesota HRL		
1031-07-8	Endosulfan sulfate		х	Oregon P3 List	Precursor in chemical mfg	
	Peroxide, (1,1,4,4-tetramethyl-2-			Maine (Canada PBiT); WA Appen1		
1068-27-5	butyne- 1,4-diyl)bis[(1,1-dimethylethyl)		х			
1071-83-6	Glyphosate	Development		IRIS; WA Appen1	Pesticide	
	7,			Maine (EuC Endocrine Disruptor	Pesticide (not EPA	
1113-02-6	Omethoate	Endocrine system		Priority List); WA Appen1	registered)	
1116-54-7	N-Nitrosodiethanolamine	Cancer		, , ,	Research	
				ROC); WA Appen1		
				OECD - SIDS/SIAR	Intermediate in organotin	
1118-46-3	Monobutyltin trichloride	Eyes, Skin			compounds production	х
				Maine (CA Prop 65; NTP 11th ROC);	Chemical intermediate	
1120-71-4	1,3-Propane sultone	Cancer		WA Appen1		
				Maine (EuC Endocrine Disruptor	Antimicrobial additive	
1131-60-8	4-Cyclohexylphenol	Endocrine system		Priority List); WA Appen1		
1134-23-2	Cycloate	Development		Maine (CA Prop 65); WA Appen1	Pesticide	
	,					
1138-52-9	phenol, 3,5-bis(1,1-dimethylethyl)-		x	Maine (OSPAR Chemicals of Concern); WA Appen1		
1154-59-2	Benzamide, 3,5-dichloro-N-(3,4-dichlorophenyl)-2-hydroxy-		х	Maine (Canada PBiT); WA Appen1	Preservative, bacteriostat	
				Maine (WA PBT List; OSPAR	High impact polystyrene,	
1163-19-5	Decabromodiphenyl ether [Polybrominated diphenyl ethers]		x	Chemicals of Concern); WA Appen1; WA CHCC; Oregon P3 List	flame retardant	x



			Persistent,			
			,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
			Persistent, very			Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
1176-74-5	Benzoic acid, 2-[(3,5-dibromo-4-hydroxyphenyl) (3,5-dibromo-4-oxo-2,5-cyclohexadien-1-ylidene )methyl]-, ethyl ester		х	Maine (Canada PBiT); WA Appen1		
1222-05-5	1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8,- hexamethylcyclopenta[g]-2- benzopyran (HHCB)	Body Weight	x	EPA - HC; WA Appen1; Oregon P3 List	Laundry detergent fragrance, fragrance	x
1229-55-6	2-Naphthalenol, 1-[(2- methoxyphenyl)azo]- (Oil pink)		х	Maine (Canada PBiT); WA Appen1	Dye	
1241-94-7	phosphoric acid, 2-ethylhexyl diphenyl ester		x	Maine (OSPAR Chemicals of Concern); WA Appen1	Food packaging, plasticizer for polyvinyl chlorides	х
1271-28-9	Nickelocene	Cancer		Maine (CA Prop 65); WA Appen1	Catalyst and completing agent	
1303-00-0	Gallium arsenide	Cancer		Maine (CA Prop 65; IARC); WA Appen1	Semiconductor	
1303-28-2	Arsenic oxide, arsenic pentoxide, diarsenic pentaoxide	Cancer		Maine (EU Carcinogen; ECHA Substances of Very High Concern); WA Appen1	Pesticide, wood preservation, dye	
1303-86-2	Diboron trioxide	Reprodution		ECHA Substances of Very High Concern	used in herbicides; fire resistant additive for paints, electronics; Flux for enamels and glazes; laboratory chemicals and water treatment chemicals; chemical intermediate; used in manufacture of mineral prducts, metals, machinery, and vehicles.	×
1306-19-0	Cadmium oxide	Systemic, Cancer		ECHA Substances of Very High Concern	used in nitrile rubbers and plastics such as Teflon; vetrinarian medication; used in silver-zinc storage batteries	x



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Hee Evenuelole) and law	Volume (HPV)
	Chamical Name	Health Enducint/s		Sa.,,,,,,(a)	Use Example(s) and/or Chemical Class	Chemical <sup>1</sup>
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s) ECHA Substances of Very High	used in water treatment	Cnemical
				Concern	products, cosmetics,	
				Concern	personal care products,	
					semiconductors, laboratory	
					chemicals; coloring glass	
					yellow; pigment particularly	
					in glass and plastic industry.	
1306-23-6	Cadmium sulphide	Systemis Cansor			Used as colorant in plastics,	
1300-23-0	Caumum suipinae	Systemic, Cancer			paints, soaps, rubber, paper,	
					glass, printing inks, ceramic	
					glazes, textiles, and	
					fireworks; can be used in	
					smoke detectors	
1307-96-6	Cobalt [II] oxide	Cancer		Maine (CA Prop 65); WA Appen1	Pigments, catalyst	х
1309-64-4	Antimony oxide (Antimony trioxide)	Cancer		Maine (CA Prop 65); WA Appen1	Pigment, mordant, flame-	x
1303 01 1	ratement exide (ratement triexide)				proofing	^
1310-73-2	Sodium Hydroxide	Eyes, Respiratory		WA Appen1; Minnesota HRV	Caustic and base	x
		system, Skin				
	Molybdenum trioxide	Cancer			steel production, liquid	
					industrial paints, pigments, water treatment chemicals,	
					lubricant additives,	
1313-27-5				IARC-2B	lubricants/greases, catalyst	x
					manufacturing, plant	
					food/fertilizer	
					,	
1212 00 1	Niekolovido	Constant		Maine (CA Prop 65; EU	Colorant, fuel cell electrodes	
1313-99-1	Nickel oxide	Cancer		Carcinogen); WA Appen1		Х
1314-06-3	Dinickel trioxide	Cancer		Maine (EU Carcinogen)	Storage batteries	
1314-20-1	Thorium dioxide	Cancer		Maine (CA Prop 65; NTP 11th ROC);	High temperature mantles	
				WA Appen1		



			Dansistant			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Duaduction
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical
1314-41-6	Orange lead (lead tetroxide)	Reprodution		ECHA Substances of Very High Concern	modelling clay, plasters, putties, explosives and fillers, adsorbents, laboratory chemicals, coating products, polymers; used in manufacture of glass, mineral products, electircal, electronic, and optical equipment; machinery and vehicles, rubber products, and plastic products;	x
1314-62-1	Vanadium pentoxide (orthorhombic crystalline form)	Cancer, Respiratory system		Maine (CA Prop 65); WA Appen1; Minnesota HRV	From burning fuel oil, ceramics, catalyst, production of superconductive magnets, photographic developer, UV radiation screening additive in glass	x
1314-84-7	Zinc phosphide	Body Weight		IRIS; WA Appen1	Pesticide	
1317-36-8	Lead monoxide (lead oxide)	Reproduction		ECHA Substances of Very High Concern	ointments, plasters, pottery glazing, lead glass, varnishes; used in rubber and plastics as a vulcanizing agent	x
				ECHA Substances of Very High	exterior paint pigment,	
1319-46-6	Trilead bis(carbonate) dihydroxide	Reproduction		Concern	ceramic glazes; used in semiconductors	
	Pentachloronaphthalene			Maine (WA PBT List; OSPAR	Chlorinated naphthalenes	
1321-64-8	[Polychlorinated naphthalenes]		х	Chemicals of Concern); WA	mfg	
	[Folychiofiliated flaphthalenes]			Appen1; Oregon P3 List		
	Trichloronaphthalene			Maine (WA PBT List; OSPAR	Lubricants mfg in electrical	
1321-65-9	[Polychlorinated naphthalenes]		х	Chemicals of Concern); WA Appen1; Oregon P3 List	wire insulation	
1325-85-5	1-Naphthalenemethanol, α,α-bis[4- (dimethylamino) phenyl]-4- (methylphenylamino)-		x	Maine (Canada PBiT); WA Appen1		



			Persistent,			
			,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Dugalostian
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
1325-86-6	1-Naphthalenemethanol, $\alpha,\alpha$ -bis[4-(diethylamino) phenyl]-4-(ethylamino)-		x	Maine (Canada PBiT); WA Appen1		
1326-05-2	Spiro[isobenzofuran-1(3H),9'- [9H]xanthen]-3-one, 2',4',5',7'- tetrabromo-3',6'-dihydroxy-, lead salt		х	Maine (Canada PBiT); WA Appen1		
1326-49-4	C.I. Sulphur Orange 1		х	Maine (Canada PBiT); WA Appen1		
1327-53-3	Arsenic trioxide, diarsenic trioxide	Cancer		Maine (EU Carcinogen; ECHA Substances of Very High Concern); WA Appen1	Pesticide (EPA reg. cancelled), preserving hides, pigments	х
1330-20-7	Xylene	Eyes, Nervous system, Respiratory system		WA Appen1; Minnesota HRL; Minnesota HRV	Solvent, herbicide, feedstock	х
1330-43-4	Disodium tetraborate, anhydrous	Reproduction		ECHA Substances of Very High Concern	pH regulator and water treatment products, metal working fluids/lubricants/greases, chemical intermediate	х
1330-78-5	Tricresyl phosphate (TCP)	Reproductive; Developmental; Neurological		Washington CHCC	flame retardant, plasticizer	x
1332-21-4	Asbestos (amphibole forms)	Cancer		Maine (CA Prop 65; IARC; IRIS; NTP 11th ROC); WA Appen1		
1333-82-0	Chromium (VI) trioxide	Cancer		Maine (EU Carcinogen); WA Appen1	Metal finishing, corrosion inhibitor, chemical intermediate, pharmaceutical	x
1333-86-4	Carbon black (airborne, unbound particles of respirable size)	Cancer		Maine (CA Prop 65); WA Appen1	Pigment, printing, drawing inks, chemical reducing agent	х
1335-32-6	Lead subacetate	Cancer, Reproduction		Maine (CA Prop 65; EU Reproductive Toxicant); WA Appen1	Sugar analysis, clarifying	
1335-87-1	Hexachloronaphthalene [Polychlorinated naphthalenes]		х	Maine (WA PBT List; OSPAR Chemicals of Concern); WA Appen1; Oregon P3 List	Capacitors - electric cable coverings	



			Persistent,			
			*			
			Bioaccumulative,			
			Toxic (PBT) or very			High Duaduation
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
	Tetrachloronaphthalene			Maine (WA PBT List; OSPAR	Capacitors - electric cable	
1335-88-2	[Polychlorinated naphthalenes]		х	Chemicals of Concern); WA	coverings	
	[. o.yo.mormatea napitananenes]			Appen1; Oregon P3 List		
				Maine (IARC; IRIS; NTP 11th ROC;	Use in electrical systems	
				EuC Endocrine Disruptor Priority		
				List; EPA Final PBT Rule for TRI; TRI		
		Cancer, Development,		PBT Chemical List; EPA Priority		
1336-36-3	Polychlorinated Biphenyls (PCBs)	Endocrine Disruptor	x	PBT; NWM Priority Chemicals;		
				OSPAR Chemicals of Concern;		
				Canada PBiT ); WA Appen1;		
				Minnesota HRL; Minnesota HRV		
		Body Weight, Eyes,		OECD - SIDS/SIAR	Polymerization initiator,	
1338-23-4	Methyl ethyl ketone peroxide	Mortality, Skin			paints mfg, plastics, rubber	Х
		Wortanty, Skiri				
	C.I. Pigment Yellow 34 [This				Pigment	
	substance is identified in the Colour			ECHA Substances of Very High		
1344-37-2	Index by Colour Index Constitution	Cancer, Reproduction		Concern		x
	Number, C.I. 77603.], Lead					
	sulfochromate yellow					
1402-68-2	Aflatoxins (naturally occurring	Cancer		Maine (CA Prop 65; IARC; NTP 11th	Research	
	mixtures of)			ROC); WA Appen1		
1460-02-2	benzene, 1,3,5-tris(1,1-		х	Maine (OSPAR Chemicals of		
	dimethylethyl)-			Concern); WA Appen1	2	
1464 22 2	Channel Aribotal II			Maine (Canada PBiT); WA Appen1	Pesticide (not EPA	
1461-22-9	Stannane, tributylchloro-		х		registered), chemical	Х
				Maina (FuC Endagging Digguests)	intermediate	
1461 35 3	Total but dein (TTDT)	Franka autort		Maine (EuC Endocrine Disruptor	Stabilizer, rust inhibiting	
1461-25-2	Tetrabutyltin (TTBT)	Endocrine system		Priority List); WA Appen1	agent	Х
				Maine (CA Prop 65; NTP 11th ROC);	Posearch curing notymers	
1464-53-5	Diepoxybutane	Cancer			chemical intermediate	
1404-33-3	Diepoxybutarie	Caricer		WA Appen1	chemical intermediate	
				HSDB; IRIS; WA Appen1	Pesticide	
1563-66-2	Carbofuran	Blood, Nervous		I I Job, IIII , WA Appelli	i conduc	
	20.20141411	system, Reproductive				
	1	I		I.	1	



			Persistent,			
			Bioaccumulative,			
			,			
			Toxic (PBT) or very			High Production
			Persistent, very			Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
				Maine (EuC Endocrine Disruptor	Pesticide	
				Priority List; EPA Final PBT Rule for		
				TRI; TRI PBT Chemical List; NWM		
				Priority Chemicals; OSPAR		
1582-09-8	Trifluralin	Endocrine system	Х	Chemicals of Concern; OSPAR		
				Chemicals for Priority Action;		
				Canada PBiT); WA Appen1; Oregon		
				P3 List		
	9,10-Anthracenedione, 1-hydroxy-4-			Maine (Canada PBiT); WA Appen1		
1594-08-7	[[4-[(methylsulfonyl)		х			
	oxy]phenyl]amino]-					
				Maine (CA Prop 65); WA Appen1	Pesticide, growth regulator	
1596-84-5	Daminozide	Cancer			, ,	
1606-67-3	1-pyrenamine		x	Maine (OSPAR Chemicals of		
1000-07-5	1-ругенание		^	Concern); WA Appen1		
1615-80-1	1,2-Diethylhydrazine	Cancer		Maine (CA Prop 65); WA Appen1	Chemical intermediate,	
1010 00 1	2,2 5.6,, a. a.2				research	
				Maine (EuC Endocrine Disruptor		
1634-04-4	Methyl tertiary butyl ether (MTBE)	Endocrine system		Priority List); WA Appen1		Х
				IRIS; WA Appen1	Pesticide (EPA reg.	
1646-88-4	Aldoxycarb	Nervous system		ikis, wa appeni	cancelled)	
	1-Propanaminium, 3-			Maine (Canada PBiT); WA Appen1	cancelled)	
	[[(heptadecafluorooctyl)			Wallie (Callada PBIT), WA Appell1		
1652-63-7	sulfonyl]amino]-N,N,N-trimethyl-,		х			
	iodide					
	louide			Maine (EuC Endocrine Disruptor	Herbicide	
1689-83-4	loxynil	Endocrine system		Priority List); WA Appen1	reroicide	
1003 03 1	ioxy	Endocrine system		Thority Listy, WA Appeni		
1600.04.5	Duna a su sail	Co		Maine (CA Prop 65); WA Appen1	Pesticide	
1689-84-5	Bromoxynil	Cancer				
1689-99-2	Bromoxynil octanoate	Cancer		Maine (CA Prop 65); WA Appen1		
	, 55325440			Marine (OCDAD Ch	Chamical interval	
	1-octanesulfonamide, N-ethyl-			Maine (OSPAR Chemicals of	Chemical intermediate	
1691-99-2	1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-		х	Concern; Canada PBiT); WA		
	heptadecafluoro-N-(2-hydroxyethyl)-			Appen1		



	T		Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
			(** ***)	Maine (CA Prop 65); WA Appen1	Dye	Circinical
1694-09-3	Benzyl violet 4B	Cancer		· · · · · · · · · · · · · · · · · · ·	,-	
1705-85-7	chrysene, 6-methyl-		x	Maine (OSPAR Chemicals of	In tobacco smoke	
	om young, o			Concern); WA Appen1		
				Maine (OSPAR Chemicals of	Pesticide (not EPA	
1715-40-8	bromocylene		Х	Concern); WA Appen1	registered) and	
					pharmaceutical	
1	Acid [Perfluorooctane sulfonates	Development, Liver,		Maine (WA PBT list); WA Appen1;	Surfactant	
1763-23-1	(PFOS)]	Thyroid	Х	WA CHCC; Oregon P3 List;		
		,		Minnesota HRL		
				Maine (EuC Endocrine Disruptor	Nonionic surfactants mfg,	
1806-26-4	Phenol, 4-octyl-	Endocrine system		Priority List); WA Appen1; WA	plasticizers, resins	
				CHCC		
1	pentachloroanisole			Maine (OSPAR Chemicals of		
1825-21-4			х	Concern; OSPAR Chemicals for		
				Priority Action); WA Appen1;		
				Oregon P3 List		
					Pesticide (EPA reg.	
		Cancer, Endocrine		EuC Endocrine Disruptor Priority	cancelled)	
1836-75-5	Nitrofen	system	Х	List; EU PBT List; OSPAR Chemicals		
				of Concern); WA Appen1		
	benzene, 1,3,5-trichloro-2-(4-			Maine (OSPAR Chemicals of	Pesticide (not EPA	
1836-77-7	nitrophenoxy)-		х	Concern); WA Appen1	registered)	
		Kidney, Liver,		IRIS; WA Appen1	Pesticide	
1861-32-1	Chlorthal-dimethy (Dacthal)	Respiratory system,				
		Thyroid				
1001 10 1	benzenamine, N-butyl-N-ethyl-2,6-			Maine (OSPAR Chemicals of	Pesticide	
1861-40-1	dinitro-4-(trifluoromethyl)-		х	Concern); WA Appen1		
	2H-Tetrazolium, 3,3'-(3,3'-			Maine (Canada PBiT); WA Appen1	Dye	
1071 22 2	dimethoxy[1,1'- biphenyl]-4,4'-		w w			
1871-22-3	diyl)bis[2,5-diphenyl-, dichloride		х			
	(Tetrazolium blue)					
1897-45-6	Chlorothalonil	Cancer		Maine (CA Prop 65); WA Appen1;	Pesticide	
1697-45-0	Chiorothalonii	Cancer		Minnesota HRL		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Hee Evernole(s) and for	Volume (HPV)
Number	Chemical Name	Hoolth Endnoint(s)	(vPvB)	Source(s)	Use Example(s) and/or Chemical Class	Chemical <sup>1</sup>
Nullibel	Chemical Name	Health Endpoint(s)	(VPVD)	Maine (OSPAR Chemicals of	Pesticide Pesticide	Chemical
		Cardiovascular		Concern; EuC Endocrine Disruptor	resticiue	
1912-24-9	Atrazine	system, Endocrine		Priority List); WA Appen1;		
1312-24-3	Attazine	system, Reproduction		Minnesota HRL - EPA- MCL		
		system, reproduction		Willinesota Title - El A- Wice		
1918-00-9	Dicamba	Development		WA Appen1; Minnesota HRL	Pesticide	
		Endonés autom		Maine (EuC Endocrine Disruptor	Pesticide, growth regulator	
1918-02-1	Picloram	Endocrine system,		Priority List); WA Appen1		
		Liver				
1918-16-7	Propachlor	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
1310 10 /	1 Topacino	Carreer				
	Acetic acid, (2,4,5-trichlorophenoxy)-,			Maine (OSPAR Chemicals of	Pesticide (EPA reg.	
1928-47-8	2-ethylhexyl ester		Х	Concern); WA Appen1	cancelled)	
				IDIC: W/A Append	Destinide (CDA von	
1929-77-7	Vernolate (Vernam)	Body Weight		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
				Maine (CA Prop 65); WA Appen1	Fertilizer	
1929-82-4	Nitrapyrin	Cancer, Development		Walle (CATTOP 03), WA Appeni	T CT CITIZET	
				Maine (CA Prop 65; Canada PBiT);	Dye	
	2,7-Naphthalenedisulfonic acid, 4-			WA Appen1		
1937-37-7	amino-3-[[4'-[(2,4-diaminophenyl) azo][1,1'-biphenyl]-4-yl]azo]-5-	Cancer	,			
1937-37-7	hydroxy -6-(phenylazo)-, disodium	Cancer	х			
	salt ( C.I. DIRECT BLACK 38)					
	,					
1940-43-8	phenol, 2,2'-methylenebis[4,6-		x	Maine (OSPAR Chemicals of		
	dichloro-			Concern); WA Appen1		
				Maine (Canada PBiT; EuC	Antifouling	
1983-10-4	Stannane, tributylfluoro-	Endocrine system	Х	Endocrine Disruptor Priority List);		
2009 41 5	Butulata	Liver		WA Appen1	Docticido	
2008-41-5	Butylate 1,1'-biphenyl, 2,2',3,3',4,4',5,5',6,6'-	Liver		IRIS; WA Appen1 Maine (OSPAR Chemicals of	Pesticide Used in electrical systems	
2051-24-3	decachloro-		x	Concern); WA Appen1	Oseu iii electricai systeilis	
				ECHA Substances of Very High	PFC	
2058-94-8	Henicosafluoroundecanoic acid		X	Concern		
2002 75 7	2002 111 0			Maine (CA Prop 65); WA Appen1	Dye	
2092-56-0	D&C Red No. 8	Cancer				
	Ethyl O-(p-nitrophenyl) phenyl			Maine (OSPAR Chemicals of	Pesticide (EPA reg.	
2104-64-5	phosphonothionate		х	Concern; OSPAR Chemicals for	cancelled)	
	phosphonothionate			Priority Action); WA Appen1		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
2104-96-3	phosphorothioic acid, O-(4-bromo- 2,5-dichlorophenyl) O,O-dimethyl ester		x	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (not EPA registered)	
2134-15-8	Benzoic acid, 2,3,4,5-tetrachloro-6- (2, 4,5,7-tetrabromo-6-hydroxy-3-oxo- 3H-xanthen-9-yl) -		х	Maine (Canada PBiT); WA Appen1	Dye	
2155-70-6	Stannane, tributyl[(2-methyl-1-oxo-2-propenyl)oxy]-	Development, Endocrine system	х	Maine (CA Prop 65; EuC Endocrine Disruptor Priority List; Canada PBiT); WA Appen1	reg. cancelled)	
2212-67-1	Molinate	Reproduction		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
2215-35-2	Zinc, bis[O,O-bis(1,3-dimethylbutyl) phosphorodithioato-S,S']-, (T-4)-		х	Maine (Canada PBiT); WA Appen1	Oils	х
2227-13-6	tetrasul		х	Maine (OSPAR Chemicals of Concern; OSPAR Chemicals for Priority Action); WA Appen1	Pesticide (EPA reg. cancelled)	
2231-57-4	Carbonothioic dihydrazide	(Mortality: acute exposure) - no repeated dose, Development or Reproduction results available		EPA - HC	Intermediate in mfg of pesticides and agricultural chemicals	
2234-13-1	octachloronaphthalene		Х	Maine (OSPAR Chemicals of Concern); WA Appen1	Fireproofing, waterproofing	
2238-07-5	Diglycidyl ether	Systemic		EU Hazard C&L	Diluent for epoxy resins	
2279-76-7	Tri-n-propyltin (TPrT)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1		
2279-76-7	tri-n-propyltin chloride	Endocrine system		EU Category 1 Endocrine disruptor	antibacterial, fungicide	
2303-17-5	carbamothioic acid, bis(1- methylethyl)-, S-(2,3,3-trichloro-2- propenyl) ester		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide	
2312-35-8	Propargite	Cancer, Development		Maine (CA Prop 65); WA Appen1	Pesticide	



			Dorsistant			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Droduction
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
2379-74-0	Benzo[b]thiophen-3(2H)-one, 6- chloro-2-(6-chloro-4-methyl- 3- oxobenzo[b]thien-2(3H)-ylidene)-4- methyl- (D and C Red No. 30)		x	Maine (Canada PBiT); WA Appen1	Dye	
	Benzo[b]thiophen-3(2H)-one, 5-			Maine (Canada PBiT); WA Appen1		
2379-75-1	chloro-2-(5-chloro-4,7- dimethyl-3- oxobenzo[b]thien-2(3H)-ylidene)-4,7- dimethyl -		x			
				Maine (CA Prop 65; NTP 11th ROC;	Pesticide (not EPA	
				EuC Endocrine Disruptor Priority	registered), fire retardant	
2385-85-5	Mirex	Cancer, Endocrine	x	List; EPA Priority PBT; WA PBT List;		
2303-03-3	IVIII CX	system	^	OSPAR Chemicals of Concern); WA		
				Appen1; Oregon P3 List		
				Minnesota HRL	Anti-stain coatings	
2395-00-8	Perfluorooctanoic Acid (PFOA) and	Development,	x	Willinesota HRL	Anti-Stain Coatings	
2333-00-0	Salts	Immune system, Liver	^			
2425.06.4	6	•		Maine (CA Prop 65; IARC); WA	Pesticide (not EPA	
2425-06-1	Captafol	Cancer		Appen1	registered)	
	2-Naphthalenol, 1-[(4-methyl-2-			Maine (Canada PBiT); WA Appen1	Dyes/pigment	
2425-85-6	nitrophenyl)azo]- (CI Pigment Red 3)		х			
	introprienty/azoj- (er riginent neu 3)					
2426-08-6	n-Butyl glycidyl ether	Respiratory, Skin,		HSDB, EU Hazard C&L	adhesive, paint, epoxy resin	x
		Cancer		Maine (CA Prop 65); WA Appen1	Dye	
2429-74-5	C.I. Direct Blue 15	Cancer		Walle (CA Frop 03), WA Appelli	Буе	
				Maine (EuC Endocrine Disruptor		
2427 70 0				Priority List; OSPAR Chemicals of		
2437-79-8	1,1'-biphenyl, 2,2',4,4'-tetrachloro-	Endocrine system	х	Concern); WA Appen1		
2439-01-2	Oxythioguinox (Chinomethionat)	Cancer, Development		Maine (CA Prop 65); WA Appen1	Pesticide (EPA reg.	
	, , ,	· ·			cancelled)	
2439-10-3	Dodine	Thyroid		IRIS; WA Appen1	Pesticide	
2451-62-9	Triglycidyl isocyanurate	Skin, Systemic		HSDB, EU Hazard C&L	Curing agent for polyester powder coatings	х
				Maine (CA Prop 65; NTP 11th ROC);	Dye	
2475-45-8	Disperse Blue 1	Cancer		WA Appen1		



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			Ottoba Barada attan
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
2487-90-3	Trimethoxysilane	Eyes, Respiratory		OECD - SIDS/SIAR	Manufacture of	
	<u>'</u>	system, Skin			organosilanes	
	Acetamide, N-[2-[(2-bromo-6-cyano-			Maine (Canada PBiT); WA Appen1	Dye	
2537-62-4	4- nitrophenyl)azo]-5-		x			
	(diethylamino)phenyl]- (CI Disperse					
	Blue 183)			Maine (Canada DRIT): M/A Appen1	Duo	
	Anthra[9,1,2-			Maine (Canada PBiT); WA Appen1	Dye	
2538-84-3	cde]benzo[rst]pentaphene-5,10-diol,		x			
2556-64-5	16,17-dimethoxy-, bis(hydrogen		^			
	sulfate), disodium salt					
				Maine (OSPAR Chemicals of	Pesticide (EPA reg.	
2545-59-7	acetic acid, (2,4,5-trichlorophenoxy)-,		x	Concern); WA Appen1	cancelled)	
	2-butoxyethyl ester			,, ,,,	,	
2502.45.0	Terrazole	Compan		Maine (CA Prop 65); WA Appen1	Pesticide	
2593-15-9	Terrazole	Cancer				
2602-46-2	Direct Blue 6 (technical grade)	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
2002 40 2	birect blue o (teelimeal grade)	Curicer				
2646-17-5	Oil Orange SS	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
				10 L DD:T) 14/4 A	D	
2653-64-7	2-Naphthalenol, 1-(1-		х	Maine (Canada PBiT); WA Appen1	Dye	
	naphthalenylazo)- [1,1'-biphenyl]-4-ol, 3,5-bis(1,1-			Maine (OSPAR Chemicals of		
2668-47-5	dimethylethyl)-		х	Concern); WA Appen1		
	diffettiylettiyi)-			Maine (Canada PBiT); WA Appen1	Intermediate, coatings,	
2778-42-9	Benzene, 1,3-bis(1-isocyanato-1-		x	Walle (Callada i Bir), WA Appelli	printing inks, sealants, wood	x
2770 42 3	methylethyl)-		^		coating	^
				Maine (CA Prop 65); WA Appen1	Dye	
2784-94-3	HC Blue 1	Cancer		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	
	Detection cells (De. C.	Davidana 1 1		Maine (WA PBT List; Canada PBiT);	Emulsifier - fluoropolymer	
2795-39-3	Potassium salt [Perfluorooctane	Development, Liver,		WA Appen1	polymerization	
	sulfonates (PFOS)]	Thyroid				
	2-Naphthalenol, 1-[(2-chloro-4-			Maine (Canada PBiT); WA Appen1	Dye	
2814-77-9	nitrophenyl)azo]- (D & C Red no. 36)		x			
2832-40-8	C.I. Disperse Yellow 3	Cancer		Cal Prop 65	dyeing textiles, furs	
2855-13-2	3-Aminomethyl-3,5,5-	Kidney, Respiratory		OECD - SIDS/SIAR	Epoxy resin curing agent	x
	trimethylcyclohexylamine	system				-



			Persistent,			
			Bioaccumulative.			
			Toxic (PBT) or very			High Duaduction
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
	phosphorothioic acid, O,O-diethyl O-			Maine (OSPAR Chemicals of	Pesticide	
2921-88-2	(3,5,6-trichloro-2-pyridyl) ester		х	Concern); WA Appen1; Oregon P3 List		
2074 22 4	1,1,1-Trichloro-2,2-bis(4-			Maine (EuC Endocrine Disruptor	Chemical intermediate for	
2971-22-4	chlorophenyl)ethane	Endocrine system		Priority List); WA Appen1	herbicide	
	Bis-OH-Methoxychlor = 1,1,1-			Maine (EuC Endocrine Disruptor		
2971-36-0	trichloro-2,2-bis(4- hydroxyphenyl)ethane (HTPE)	Endocrine system		Priority List); WA Appen1		
2973-10-6	Diisopropyl sulfate	Cancer		Maine (CA Prop 65); WA Appen1	Chemical intermediate	
29/3-10-0	ызоргоруг sunate	Cancer		14 : (CA D. (55) 14/A A		
3068-88-0	beta-Butyrolactone	Cancer		Maine (CA Prop 65); WA Appen1		
3081-01-4	1,4-benzenediamine, N-(1,4-		х	Maine (OSPAR Chemicals of	Polymerization inhibitor	
3081-01-4	dimethylpentyl)-N'-phenyl-		*	Concern); WA Appen1		
	Stannane, tributy [(1-oxo-9-			Maine (EuC Endocrine Disruptor		
3090-35-5	octadecenyl)	Endocrine system		Priority List); WA Appen1		
3108-42-7	Ammonium nonadecafluorodecanoate	Reproductive	х	ECHA Substances of Very High Conc	PFC	
	2-Naphthalenol, 1-[(2,4-			Maine (Canada PBiT); WA Appen1	Dye	
3118-97-6	dimethylphenyl)azo]-		х	manie (canada : 511), ttv (ppeni	2,0	
3147-75-9	phenol, 2-(2H-benzotriazol-2-yl)-4-		x	Maine (OSPAR Chemicals of	Polymers, stabilizer	
3147-73-3	(1,1,3,3-tetramethylbutyl)-		^	Concern); WA Appen1		
3165-93-3	p-chloro-o-toluidine hydrochloride	Cancer		Maine (NTP 11th ROC); WA	Dye	
				Maine (Canada PBiT); WA Appen1;	Flame retardant	
3194-55-6	Cyclododecane, 1,2,5,6,9,10-		х	ECHA Substances of Very High		х
	hexabromo-			Concern		
3252-43-5	Dibromoacetonitrile	Cancer		IARC 2B	antimicrobial, disinfection by product	
3271-22-5	1,3,5-Triazine, 2,4-dimethoxy-6-(1-		x	Maine (Canada PBiT); WA Appen1	product	
32/1-22	pyrenyl)-		Х			
3278-89-5	benzene, 1,3,5-tribromo-2-(2- propenyloxy)-		×	Maine (OSPAR Chemicals of Concern); WA Appen1	Flame retardant, polymer	
	2,2-Bis(bromomethyl)-1,3-			Maine (CA Prop 65; NTP 11th ROC);	Flame retardant	
3296-90-0	propanediol	Cancer		WA Appen1		х
3333-67-3	Nickel carbonate	Cancer		Maine (CA Prop 65); WA Appen1	Electrical components,	
3333-07-3	INICKEI CAIDOITALE	Caricer			water treatment	



			Doveistant			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Dundretion
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
3337-71-1	Asulam	Liver, Reproduction		IRIS; WA Appen1	Pesticide (EPA reg.	
333, 711	/ Galain	Erver, Reproduction			cancelled)	
3351-28-8	chrysene, 1-methyl-		x	Maine (OSPAR Chemicals of	PAH (chem-class)	
0001 20 0	, , ,			Concern); WA Appen1		
3380-34-5	Triclosan [2,4,4'-trichloro-2'-		x	Oregon P3 List	Disinfectant	
	hydroxydiphenyl ether]					
3389-71-7	bicyclo[2.2.1]hepta-2,5-diene,		х	Maine (OSPAR Chemicals of		
	1,2,3,4,7,7-hexachloro-			Concern); WA Appen1		
				Maine (EuC Endocrine Disruptor	Pesticide breakdown	
3424-82-6	benzene, 1-chloro-2-[2,2-dichloro-1-		х	Priority List; OSPAR Chemicals of	product	
	(4-chlorophenyl)ethenyl]-			Concern); WA Appen1		
3468-63-1	2-Naphthalenol, 1-[(2,4-	Cancer		Maine (CA Prop 65, Canada PBiT);	Pigment	
	dinitrophenyl)azo]-			WA Appen1		
2562.45.0	1,1,1,2-Tetrachloro-2,2-bis(4-			Maine (EuC Endocrine Disruptor	Impurity in pesticide	
3563-45-9	chlorophenyl)ethane (tetrachloro	Endocrine system		Priority List); WA Appen1		
	DDT)			Maine (CA Pres CF): M/A Assess	Dura	
3564-09-8	Ponceau 3R	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
	2-(2-Formylhydrazino)-4-(5-nitro-2-			Maine (CA Prop 65): WA Appen1	Antibacterial	
3570-75-0	furyl)thiazole	Cancer		Maine (CA Prop 65); WA Appen1	Antibacteriai	
	Turyritinazore			Maine (Canada PBiT); WA Appen1		
	3H-Indol-3-one, 5-bromo-2-(9-chloro-			Walle (Callada PBIT), WA Appelli		
3687-67-0	3-oxonaphtho[ 1,2-b]thien-2(3H)-		х			
	ylidene)-1,2-dihydro-					
	Tetraethyldithiopyrophosphate			IRIS; WA Appen1	Pesticide (EPA reg.	
3689-24-5	(Sulfotep)	Nervous system		inio, Withpeni	cancelled)	
	(1-1-2-1-1)			Maine (CA Prop 65; EPA Final PBT	From incomplete	
3697-24-3	5-Methylchrysene	Cancer		Rule for TRI; NTP 11th ROC); WA	combustion, PAH (chem-	
	, , , , , , , , , , , , , , , , , , , ,			Appen1	class)	
				Maine (Canada PBiT); WA Appen1		
	2,7-Naphthalenedisulfonic acid, 4-					
3701-40-4	hydroxy-3-[[4'-[(2-hydroxy- 1-		х			
	naphthalenyl)azo]-2,2'-dimethyl[1,1'-					
	biphenyl ]-4-yl]azo]-, disodium salt					
	4.7 mathana 411 in days 4.5.6.7.0.0			Maine (OSPAR Chemicals of	Chemicals intermediate	
3734-48-3	4,7-methano-1H-indene, 4,5,6,7,8,8-		x	Concern); WA Appen1		
	hexachloro-3a,4,7,7a-tetrahydro-					



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			111-b Dunduntion
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
3761-53-3	Ponceau MX	Cancer		Maine (CA Prop 65); WA Appen1	Dye/colorant	
3767-68-8	9,10-Anthracenedione, 1-amino-4-(2-benzothiazolylthio)-		х	Maine (Canada PBiT); WA Appen1		
3810-74-0	Streptomycin sulfate	Development		Maine (CA Prop 65); WA Appen1	Pesticide, pharmaceutical	
3825-26-1	Perfluorooctanoic Acid (PFOA) and Salts	Development, Immune system, Liver	х	Minnesota HRL	Anti-stain coatings	
3830-45-3	Decanoic acid, nonadecafluoro-, sodium salt	Reproductive	х	ECHA Substances of Very High Conc	PFC	
3846-71-7	phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl)-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	UV absorbers	
3871-99-6	Potassium perfluorohexanesulfonate (PFHxS)	Liver system; Thyroid	х	Minnesota HRL; ECHA Substances of Very High Concern	PFC; stain-resistant fabrics; fire-fighting foams; food packaging; industrial surfactant	
3972-13-2	DIDT		х	Maine (OSPAR Chemicals of Concern); WA Appen1		
4027-18-3	4-Oxo-4-[(tributylstannyl)oxy]-2- butenoic acid		х	Maine (Canada PBiT); WA Appen1	Pesticide	
4098-71-9	3-Isocyanatomethyl-3,5,5- trimethylcyclohexyl isocyanate	Eyes, Respiratory system, Skin		OECD - SIDS/SIAR	Chemical intermediate and monomer for polyurethane	х
4329-12-8	m,p'-DDD	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1		
4342-30-7	Phenol, 2- [[(tributylstannyl)oxy]carbonyl]-	Endocrine system	×	Maine (EuC Endocrine Disruptor Priority List; Canada PBiT); WA Appen1		
4342-36-3	Stannane, (benzoyloxy)tributyl-	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide	
4376-20-9	Mono 2 ethyl hexylphthalate (MEHP)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1; WA CHCC	Plasticizer	
4378-61-4	dibenzo[def,mno]chrysene-6,12- dione, 4,10-dibromo- (Pigment Red 168)		x	Maine (OSPAR Chemicals of Concern); WA Appen1	Pigment	



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			Little Burnell and an
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
4395-65-7	9,10-Anthracenedione, 1-amino-4- (phenylamino)- (Disperse Blue 19)		x	Maine (Canada PBiT); WA Appen1	Dye	
4400-06-0	4-Hydroxy-3,4¹,5-trichlorobiphenyl	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1		
4474-24-2	Benzenesulfonic acid, 3,3'-[(9,10-dihydro-9,10-dioxo-1,4-anthracenediyl)diimino]bis[2,4,6-trimethyl-, disodium salt		х	Maine (Canada PBiT); WA Appen1	Dye	
4549-40-0	N-Nitrosomethylvinylamine	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Research	
4782-29-0	Stannane, [1,2- phenylenebis(carbonyloxy)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1		
4824-78-6	phosphorothioic acid, O-(4-bromo- 2,5-dichlorophenyl) O,O-diethyl ester		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (not EPA registered)	
4904-61-4	1,5,9-cyclododecatriene		х	Maine (OSPAR Chemicals of Concern; OSPAR Chemicals for Priority Action); WA Appen1	Feedstock	х
4979-32-2	N,N-dicyclohexyl-2- benzotazothiazolesulfenamide (DCBS)	Adrenal glands, Kidney, Spleen		OECD - SIDS/SIAR	Rubber accelerator	х
5103-71-9	Chlordane, cis-		х	Oregon P3 List	Pesticide (not EPA registered)	
5103-73-1	Cis-Nonachlor	Endocrine system	х	Maine (EuC Endocrine Disruptor Priority List); WA Appen1; Oregon P3 List	Pesticide (not EPA registered)	
5103-74-2	Chlordane, trans-		х	Oregon P3 List	Pesticide (not EPA registered)	
5124-30-1	4,4´-Methylenedicyclohexyl diisocyanate	Eyes, Respiratory system, Skin		OECD - SIDS/SIAR	Binders and hardeners for coating materials or adhesives mfg	
5160-02-1	D&C Red No. 9	Cancer		Maine (CA Prop 65); WA Appen1	Paints, cosmetics, drugs, inks	
5216-25-1	p-a,a,a-Tetrachlorotoluene	Cancer		Maine (CA Prop 65); WA Appen1	Chemical intermediate for dyes, organic chemicals	



			Danatatant			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Dundretine
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
5234-68-4	Carboxin	Body weight, Mortality, Organs		IRIS; WA Appen1	Pesticide	
5261-31-4	Propanenitrile, 3-[[2- (acetyloxy)ethyl][4- [(2,6-dichloro-4- nitrophenyl)azo]phenyl]amino]- (C.I. Disperse Orange 30)		х	Maine (Canada PBiT); WA Appen1	Dyes	
5285-60-9	benzenamine, 4,4'-methylenebis[N-(1-methylpropyl)-		x	Maine (OSPAR Chemicals of Concern); WA Appen1		
5385-75-1	Dibenzo(a,e)fluoranthene		х	Maine (EPA Final PBT Rule for TRI); WA Appen1	Combustion by-product, PAH (chem-class)	
5419-55-6	Triisopropylborate	Liver, Reproduction, Spleen, Thyroid		EPA - HC	Pharmaceutical mfg, lubricant additive	
5436-43-1	PBDE-047 [2,2',4,4'- Tetrabromodiphenyl ether]		х	Oregon P3 List; WA Appen1	Flame retardants added to plastic products	
5466-77-3	2-ethyl-hexyl-4-methoxycinnamate	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1; WA CHCC		
5510-99-6	phenol, 2,6-bis(1-methylpropyl)-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Antioxidant and stabilizer in plastics	
5543-57-7	(S)-4-hydroxy-3-(3-oxo-1- phenylbutyl)-2-benzopyrone	Reproduction		Maine (EU Reproductive Toxicant)	Sunscreen	
5589-96-8	Bromochloroacetic acid	Cancer		CA Prop 65	By-product from water disinfection	
5902-51-2	Terbacil	Development		Maine (CA Prop 65); WA Appen1	Pesticide	
5989-27-5	cyclohexene, 1-methyl-4-(1- methylethenyl)-, (R)-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Flavorings, fragrances, cosmetics, insecticide	х
6109-97-3	3-Amino-9-ethylcarbazole hydrochloride	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
6130-43-4	Heptanoic acid, tridecafluoro-, ammonium salt		х	Maine (Canada PBiT); WA Appen1		
6164-98-3	Chlordimeform	Cancer, Endocrine system		Maine (CA Prop 65; EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide (EPA reg. cancelled)	



			Dansistant			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
6232-56-0	Ethanol, 2-[[4-[(2,6-dichloro-4-nitrophenyl) azo]phenyl]methylamino]-		х	Maine (Canada PBiT); WA Appen1		
6250-23-3	Phenol, 4-[[4-(phenylazo)phenyl]azo]- (C.I. Disperse Yellow 23)		x	Maine (Canada PBiT); WA Appen1	Dye	
6253-10-7	Phenol, 4-[[4-(phenylazo)-1-naphthalenyl]azo]-		х	Maine (Canada PBiT); WA Appen1	Dye	
6257-39-2	[1,1'-Biphenyl]-4-ol, 3,4',5-tris(1,1-dimethylethyl)-		х	Maine (Canada PBiT); WA Appen1		
6300-37-4	Phenol, 2-methyl-4-[[4- (phenylazo)phenyl]azo]- (Disperse Fast Yellow 4K)		x	Maine (Canada PBiT); WA Appen1	Dye	
6358-53-8	Citrus Red No. 2	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
6358-57-2	2,7-Naphthalenedisulfonic acid, 3- [[2,2'-dimethyl-4'-[[4- [[(4- methylphenyl)sulfonyl]oxy]phenyl]az o][1,1'-biphenyl ]-4-yl]azo]-4-hydroxy- , disodium salt		х	Maine (Canada PBiT); WA Appen1	Dye	
6368-72-5	2-Naphthalenamine, N-ethyl-1-[[4- (phenylazo)phenyl]azo]- (C.I. Solvent Red 19)		x	Maine (Canada PBiT); WA Appen1	Dye	
6371-23-9	Benzo[b]thiophen-3(2H)-one, 5,7- dichloro-2-(6-chloro- 4-methyl-3- oxobenzo[b]thien-2(3H)-ylidene)-4- methyl -		х	Maine (Canada PBiT); WA Appen1		
6373-31-5	Naphth[2,3-c]acridine-5,8,14(13H)- trione, 6,10,12-trichloro-		х	Maine (Canada PBiT); WA Appen1		
6407-74-5	3H-Pyrazol-3-one, 4-[(2-chlorophenyl)azo]-2, 4-dihydro-5-methyl-2-phenyl-		х	Maine (Canada PBiT); WA Appen1	Dye	
6407-78-9	3H-Pyrazol-3-one, 4-[(2,4-dimethylphenyl)azo] -2,4-dihydro-5-methyl-2-phenyl-		х	Maine (Canada PBiT); WA Appen1	Dye	



						_
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
6408-50-0	9,10-Anthracenedione, 1- (methylamino)-4-[(3-		x	Maine (Canada PBiT); WA Appen1	Dye	
	methylphenyl)amino]-					
6409-68-3	2-Anthracenecarboxaldehyde, 1- amino-9,10-dihydro-9,10-dioxo-, 2- [(1-amino-9,10-dihydro- 9,10-dioxo-2- anthracenyl)methylene]hydrazone		х	Maine (Canada PBiT); WA Appen1	Dye	
6410-13-5	2-Naphthalenol, 1-[(4-chloro-2- nitrophenyl)azo]- (Pigment Red 6)		х	Maine (Canada PBiT); WA Appen1	Dye	
6410-41-9	2-Naphthalenecarboxamide, N-(5-chloro-2,4-dimethoxyphenyl) -4-[[5-[(diethylamino)sulfonyl]-2-methoxyphenyl]azo]-3-hydroxy- (C.I. Pigment Red 5)		х	Maine (Canada PBiT); WA Appen1	Dye	
6417-38-5	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-trioxo-		х	Maine (Canada PBiT); WA Appen1	Dye	
6459-94-5	C.I. Acid Red 114	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
6465-02-7	Carbamic acid, [4-[[4-[(4-hydroxyphenyl] azo]-2-methylphenyl]azo]phenyl]-, methylester		х	Maine (Canada PBiT); WA Appen1		
6471-01-8	2-Anthracenesulfonic acid, 4,4'-[(1-methylethylidene) bis(4,1-phenyleneimino)]bis[1-amino-9,10-dihydro -9,10-dioxo-, disodium salt (C.I. Acid Blue 127)		х	Maine (Canada PBiT); WA Appen1	Dye	
6477-64-1	Lead dipicrate	Reproduction		ECHA Substances of Very High Concern	explosive	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
6535-42-8	1-Naphthalenol, 4-[(4- ethoxyphenyl)azo]- (C.I. Solvent Red		x	Maine (Canada PBiT); WA Appen1	Dye	
	3)					
6683-19-8	Irganox 1010	Development		EPA - HC	Antioxidant	x
6731-36-8	Peroxide, (3,3,5- trimethylcyclohexylidene) bis[(1,1- dimethylethyl)		х	Maine (Canada PBiT); WA Appen1	Rubber mfg	
6786-83-0	1-Naphthalenemethanol, α,α-bis[4- (dimethylamino) phenyl]-4- (phenylamino)-		х	Maine (Canada PBiT); WA Appen1	Colorants	
6807-17-6	2,2-bis(4'-hydroxyphenyl)-4- methylpentane	Reproductive		ECHA Substances of Very High Conc	personal care products; paper production	
6842-15-5	1-propene, tetramer		х	Maine (OSPAR Chemicals of Concern); WA Appen1		х
6846-50-0	2,2,4-Trimethyl-1,3-pentanediol diisobutyrate	Kidney, Liver		OECD - SIDS/SIAR	Plasticizer	х
6936-40-9	benzene, 1,2,4,5-tetrachloro-3- methoxy-		х	Maine (OSPAR Chemicals of Concern); WA Appen1		
7012-37-5	1,1'-biphenyl, 2,4,4'-trichloro-	Endocrine system	x	Maine (EuC Endocrine Disruptor Priority List; OSPAR Chemicals of Concern); WA Appen1; Oregon P3 List	Electrical systems	
7099-43-6	5,6-Cyclopento-1,2-benzanthracene	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1		
7139-02-8	pyrimido[5,4-d]pyrimidine, 2,6-dichloro-4,8-di-1-piperidinyl-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Chemical intermediate	
7147-42-4	Butanamide, 2,2'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2-methylphenyl)-3-oxo-		х	Maine (Canada PBiT); WA Appen1	Pigments, inks, plastics	
7287-19-6	Prometryn	Bone marrow, Kidney, Liver		IRIS; WA Appen1	Pesticide	
7328-97-4	Oxirane, 2,2',2",2"'-[1,2- ethanediylidenetetrakis( 4,1- phenyleneoxymethylene)]tetrakis -		х	Maine (Canada PBiT); WA Appen1	Epoxy resins	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAC					Use Evenendade and day	Volume (HPV)
CAS			Bioaccumulative	0 ()	Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
7400-08-0	p-Coumaric acid (PCA)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Reactant	
				Maine (CA Prop 65; IRIS; NTP 11th	Lead acid batteries (several	
		Cancer, Development,		ROC; TRI PBT Chemical List; EPA	other uses)	
7439-92-1	Lead	Reproduction	х	Priority PBT; NWM Priority		x
		Reproduction		Chemicals); WA Appen1; Oregon		
				P3 List		
7439-96-5	Manganese	Nervous system		WA Appen1; Minnesota HRV;	Batteries, inks, dyes (several	x
7433-30-3	Waligaliese	ivervous system		Minnesota RAA	other uses)	^
				Maine ( CA Prop 65; TRI PBT		
7439-97-6	Mercury	Development	x	Chemical List; EPA Priority PBT;		
, 133 37 0		Bevelopment	*	NWM Priority Chemicals); WA		
				Appen1; WA CHCC		
7440-02-0	Nickel (Metallic)	Cancer		Maine (CA Prop 65; NTP 11th ROC);	Jewelry (several other uses)	x
				WA Appen1		
7440-22-4	Silver	Argyria		WA Appen1; IRIS; Minnesota HRL	Contaminant in water	x
		<u>.</u>		14/4 4 4 44: 1101	(several uses)	
7440-28-0	Thallium salts	Liver		WA Appen1; Minnesota HRL	Coal burning and smelting	
7440-36-0	Antimony	Blood		WA Appen1; WA CHCC; Minnesota	Alloys mfg	×
7440 30 0	Antimony	Biood		HRV		^
				Maine (CA Prop 65; IARC; IRIS; NTP	Pesticide, catalyst	
7440-38-2	Arsenic and arsenic compounds	Cancer	X	11th ROC); WA Appen1; WA CHCC;		
				Oregon P3 List; Minnesota HRV		
7440-39-3	Barium	Cardiovascular		WA Appen1; IRIS; Minnesota HRL	Alloys, carrier for radium	
/ <del>1</del> 0-33-3	Barrain	system, Kidney				
				Maine (CA Prop 65; IARC; IRIS; NTP	Component of metal alloys,	
7440-41-7	Beryllium and beryllium compounds	Cancer		11th ROC); WA Appen1; WA CHCC;		
, 110 41 /	Ser ymani ana berymani compounds	Curicer		Minnesota HRV	aircraft brakes (several uses)	
				WA Appen1; Minnesota RAA	Composite structural	
7440-42-8	Boron	Development			materials, high temperature	
					abrasive for alloys (several	
					uses)	



			Dougistant			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Duaduation
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
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	batteries	x
7440-48-4	Cobalt metal powder	Cancer		Maine (CA Prop 65); WA Appen1; WA CHCC	Metal alloys, aluminum salts, in tools (several uses)	х
7440-66-6	Zinc	Blood chemistry		IRIS; WA Appen1; Minnesota HRL	Galvanizing sheet metal, coatings for metals	х
7446-27-7	Lead phosphate	Cancer, Reproduction		Maine (CA Prop 65; EU Reproductive Toxicant); WA Appen1	Stabilizer in plastics	
7487-94-7	Mercuric chloride	Immune system		IRIS; WA Appen1	Perservative, battery cases	
7496-02-8	6-Nitrochrysene	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1		
7632-04-4	Sodium peroxometaborate	Reproduction		ECHA Substances of Very High Concern	Bleaching agent for textiles, detergents, soaps, mouthwash, medical	х
7646-79-9	Cobalt dichloride	Cancer		Maine (ECHA Substances of Very High Concern); WA Appen1	Absorbent in ammonia masks, lubricant, dye mordant	х
7647-01-0	Hydrochloric acid	Eyes, Respiratory system		WA Appen1; Minnesota HRV	Cleaning (several uses)	х
7664-38-2	Phosphoric acid	Respiratory system		IRIS; WA Appen1	Catalyst, etchant, superphosphates for fertilizer mfg	х
7664-39-3	Hydrofluoric acid	Respiratory system		WA Appen1; Minnesota HRV	Cleaning, catalyst, several others	х
7664-41-7	Ammonia	Eyes, Respiratory system		WA Appen1; Minnesota HRV	Fertilizer, refrigerant, others	х
7664-93-9	strong inorganic acid mists containing sulfuric acid	Cancer		Maine (CA Prop 65; IARC; NTP 11th ROC); WA Appen1	Acids mfg, glue	х
7697-37-2	Nitric acid	Respiratory system		Minnesota HRV	Fertilizer, cleaning	х
7723-14-0	Phosphorus	Development		IRIS; WA Appen1	Phosphoric acid mfg	х



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
						High Production
CAC			Persistent, very		Has Everente(s) and (se	Volume (HPV)
CAS			Bioaccumulative	6 ()	Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
				ECHA Substances of Very High	chromium-plating, chemical	
				Concern	intermediate, medicine,	
					ceramic glazes, metal	
7720 04 5	Characters and	C			cleaning, inks, tanning,	
7738-94-5	Chromic acid	Cancer			paints, textile mordant,	
					etchant for plastics,	
					photographic chemical,	
					wood preservative	
7758-01-2	Potassium bromate	Cancer		Maine (CA Prop 65); WA Appen1	Oxidizing agent	
7758-19-2	Chlorite (sodium salt)	Nonvous system		IRIS; WA Appen1	Bleaching agent, water	
7758-19-2	Chlorite (sodium sait)	Nervous system			purification, disinfectant	Х
				Maine (EU Reproductive Toxicant);	Pigment	
7758-97-6	Lead chromate	Cancer, Reproduction		ECHA Substances of Very High		
				Concern		
				ECHA Substances of Very High	inks, dying paint pigment,	
		Mutagen, Cancer,		Concern	leather tanning, anti-	
7775-11-3	Sodium chromate	Reproduction			corrosive, former wood	
		neproduction			preservative	
7775-14-6	Sodium dithionite	Eyes, Genotoxic		OECD - SIDS/SIAR	Reducing agent, oxygen	Х
7775-14-0	30didili ditiliollite	Lyes, denotoxic			scavenger	^
				ECHA Substances of Very High	glass making, wood treating	
7778-39-4	Arsenic acid	Cancer		Concern	process, desiccant for cotton	
				ECHA Substances of Very High	tanning leather, dye,	
7770 50 0	Data asi wa diahaa wata	Mutagen, Cancer,		Concern	painting, printing, break	
7778-50-9	Potassium dichromate	Reproduction			linings, waterproofing	
					fabrics	
7782-49-2	Selenium		x	Oregon P3 List; WA Appen1;	Industrial processes;	
7702-43-2	Selenium		X	Minnesota HRL	Naturally occurring	
7782-50-5	Chlorine	Respiratory system		WA Appen1; Minnesota HRV	Disinfectant	х
7783-00-8	Selenious acid	Blood		IRIS; WA Appen1	Oxidizing agent, reagent for	
		2.000			alkyloids	
7783-06-4	Hydrogen sulfide	Respiratory system		IRIS; WA Appen1; Minnesota HRV	Decaying matter, by product	x



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
						High Production
646			Persistent, very		11 5	Volume (HPV)
CAS		= 1	Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
1				Maine (EU Carcinogen; EU	Pesticide (not EPA	
7784-40-9	Lead hydrogen arsenate	Cancer, Reproduction		Reproductive Toxicant; ECHA	registered)	
				Substances of Very High Concern);		
				WA Appen1		
7784-42-1	Arsine	Blood		WA Appen1; Minnesota HRV	Organic synthesis, poison	
					gas	
I				ECHA Substances of Very High	inks; limited application in	
7700 00 6				Concern	enamels, finishing, leather,	
7789-00-6	Potassium chromate	Mutagen, Cancer			rustproofing of metals;	
					textile mordant, chromate	
					pigments	
				ECHA Substances of Very High	corrosion inhibitor, colorant	
7789-06-2	Strontium chromate	Cancer		Concern	in polyvinyl chloride resins,	x
					chrome plating reagent	
				ECHA Substances of Very High	mardant for duaing	
				ECHA Substances of Very High	mordant for dyeing,	
		Mutagen, Cancer,		Concern	pigments, chrome alum,	
7789-09-5	Ammonium dichromate	Reproduction			leather tanning, synthetic perfumes, photography,	
		Reproduction			pyrotechnics, fireworks	
					pyrotechnics, meworks	
				Maine (ECHA Substances of Very	Contaminant from	
7789-12-0	Sodium dichromate, dihydrate	Cancer, Genotoxic,	x	High Concern); WA Appen1	electroplating, tanning	
,,05 12 0	Journal along the state of any areas	Reproduction	,	l sementify that ippend	are or opiating, tarning	
				Minnesota HRV; WA Appen1	Pesticide (EPA reg.	
7803-51-2	Phosphine	Body weight		, , , ,	cancelled), organic	
	·	, ,			preparations	
				Maine (CA Prop 65; IRIS; NTP 11th	Pesticide (EPA reg.	
				ROC; EuC Endocrine Disruptor	cancelled)	
				Priority List; EPA Final PBT Rule for		
0004 25 2	Townsham	Cancer, Endocrine		TRI; TRI PBT Chemical List; EPA		
8001-35-2	Toxaphene	system	X	Priority PBT; WA PBT List; OSPAR		
				Chemicals of Concern); WA		
				Appen1; Minnesota HRL		
8001-50-1	Strobane		x	Maine (OSPAR Chemicals of	Pesticide (not EPA	
0001-30-1	Strobatic		^	Concern); WA Appen1	registered)	
8001-58-9	Creosotes	Cancer		Maine (IARC; IRIS); WA Appen1	wood preservation, lubricant	
2001 30-3	0.000000	Curicei				



			Persistent,			
			*			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
			Persistent, very			
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
8002-05-9	Petroleum		x	Maine (Canada PBiT); WA Appen1	Petroleum	х
8006-64-2	Turpentine oil	Eyes, Skin		HSDB	Solvent and diluent	Х
8007-45-2	Coal-tars	Cancer		Maine (IARC; EU Carcinogen; IRIS); WA Appen1; Minnesota HRV	Roofing, burning as fuel, medicated pet shampoo	
8008-20-6	Kerosene (JP-5, JP-8)	Blood, Gastrointestinal system, Kidney, Nervous system, Respiratory system		HSDB; ATSDR	Jet fuel, auto-care products, camp fuel, degreaser/cleaner, home maintenance products, solvent	х
8012-00-8	Pyrochlore, antimony lead yellow	Reproduction		ECHA Substances of Very High Concern	coating products, inks and toners, anti-freeze products and fillers, putties, plasters, modelling clay	
8018-01-7	Mancozeb	Cancer, Endocrine system		Maine (CA Prop 65; EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide	
8052-41-3	Stoddard solvent	Liver, Nervous system		HSDB; ATSDR	Spot and stain removal, diluent for paints, coatings and waxes, dry cleaning agent	х
8065-48-3	Demeton	Nervous system		IRIS; WA Appen1	Pesticide (EPA reg. cancelled)	
8068-44-8	Clophen A50	Endocrine system		Maine (EuC Endocrine Disruptor Priority Lists); WA Appen1	congeners of PCBs	
8072-20-6	ethanol, 1,1-bis(4-chlorophenyl)-, mixed		х	Maine (OSPAR Chemicals of Concern); WA Appen1		
9004-66-4	Iron dextran complex	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Catalyst, pigment, drugs, agriculture	
9006-42-2	Metiram	Cancer, Development, Endocrine system		Maine (CA Prop 65; EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide	
9016-45-9	Polyethylene glycol nonlyphenyl ether (nonylphenolethoxylate)	Endocrine system		Maine (OSPAR Chemicals of Concern; EuC Endocrine Disruptor Priority List); WA Appen1	Surfactant, pesticide (EPA reg. cancelled)	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			, , ,			High Production
CAS			Persistent, very		Lies Evennelele) and les	Volume (HPV)
CAS	Chambal Nama	The state front a to also.	Bioaccumulative	S(-)	Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
	Methylene Diphenyl Diisocyanate			Minnesota HRV	Source of	
9016-87-9	and Polymeric MDI	Respiratory system			fordiphenylmethane-4-4'- diisocyanate, used for	х
	and Polyment Widi				particle board binders	
				Maine (CA Prop 65)	Pharmaceutical, detection of	
10024-97-2	Nitrous oxide	Development		Ivianie (CA 110p 03)	leaks in pipes	x
10024-37-2	Will ous oxide	Development			icaks iii pipes	^
				Maine (CA Prop 65); WA Appen1	Electroplating and electro	
					chemical industry, colorant,	
10026-24-1	Cobalt sulfate heptahydrate	Cancer			drying agent	
				Maine (CA Prop 65; NTP 11th ROC);	Antioxidant, refining,	
10034-93-2	Hydrazine sulfate	Cancer		WA Appen1	soldering, blood tests,	
10034-93-2	nyurazine sunate	Cancer			fungicide, pharmaceutical	
				Maine (EuC Endocrine Disruptor	Pesticide, flame retardant,	
10043-35-3	Boric acid (has a second CAS #: 11113	• •		Priority List); WA Appen1; ECHA	soldering flux,	x
	50-1)	Reproduction		Substances of Very High Concern	weatherproofing	
				Marine (IARC AITD 4441- DOC) MA	Danes and the first of the	
10043-92-2	Radon-222 and its decay products	Cancer		Maine (IARC; NTP 11th ROC); WA	Decay product of radium	
				Appen1 Maine (CA Prop 65); WA Appen1	Metabolite of aflatoxin	
10048-13-2	Sterigmatocystin	Cancer		Walle (CA Prop 65), WA Appelli	ivietabolite of allatoxili	
				WA Appen1; Minnesota HRV	Pesticide, bleaching agent,	
10049-04-4	Chlorine Dioxide	Respiratory system			disinfectant, leather	х
10000 74.0	Land distant	Davida :		ECHA Substances of Very High	matches, explosives,	
10099-74-8	Lead dinitrate	Development		Concern	tanning, mordant	
10102-44-0	Nitrogen Dioxide	Respiratory system		WA Appen1; Minnesota HRV	Bleach, catalyst	
				Maine (OSPAR Chemicals of	Photography, veterinary	
10108-64-2	Cadmium chloride		x	Concern); WA Appen1	pharmaceutical, pesticide	
20200 04 2	Sauthan Chieffac		^		(EPA reg. cancelled)	
				Source I a service in the		
		Daniel C		ECHA Substances of Very High	pigment, fluorescent	
10124 26 4	Cadmium sulphate	Reproduction,		Concern	screens, cadmium soaps as	
10124-36-4	(second CAS# 31119-53-6)	Mutagen, Cacner,			components of PVC	
		Systemic			stabilizers (decreasing use)	



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
10124-43-3	Cobalt sulfate	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1		х
10141-05-6	Cobalt(II) dinitrate	Reprodution, Cancer		ECHA Substances of Very High Concern	cobalt pigments and invisible inks, decorating stoneware/porcelain, production of vitamin B12 supplements, medication, hair dyes, additive to soils and animal feed	х
10265-92-6	Methamidophos	Nervous system		IRIS; WA Appen1	Pesticide	
10448-09-6	Cyclotetrasiloxane, heptamethylphenyl-		х	Maine (Canada PBiT); WA Appen1	Adhesive binder	
10453-86-8	Resmethrin	Cancer, Development, Endocrine system		Maine (CA Prop 65; EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide	
10588-01-9	Sodium dichromate (second CAS# listed on SVHC: 7789- 12-0)	Mutagen, Cancer, Reproduction		ECHA Substances of Very High Concern	wood preservative, inks, electric batteries, chrome pigments, corrosion inhibiting paints	х
10595-95-6	N-Nitrosomethylethylamine	Cancer		Maine (CA Prop 65; IRIS); WA Appen1	Research	
11081-15-5	Phenol, isooctyl-	Endocrine system		Maine (EuC Endocrine Disruptor Priority List; OSPAR Chemical of Concern); WA Appen1	Surfactant	
11096-82-5	PCB Aroclor 1260 (Clophen A60)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	PCB	
11097-69-1	PCB Aroclor 1254	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	PCB	
11103-86-9	Potassium hydroxyoctaoxodizincatedichromate	Cancer		ECHA Substances of Very High Concern	anti-corrosion pigment in primer paint	
11120-22-2	Silicic acid, lead salt	Reproduction		ECHA Substances of Very High Concern	production of glass, lead crystalware	



			Danish and			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
				ECHA Substances of Very High	laundry detergent,	
11138-47-9	Perboric acid, sodium salt	Reproduction		Concern	dishwashing detergent, stain	
11130-47-9	Ferboric acia, soulum sait	Reproduction			removers, mouthwash	
					solution	
12001-28-4	Asbestos (crocidolite)	Cancer		Maine (EU Carcinogen)		
12001-29-5	Asbestos (chrysotile)	Cancer		Maine (EU Carcinogen)		
				Maine (EuC Endocrine Disruptor	Dye carriers, heat transfer	
12002-48-1	Trichlorobenzene	Endocrine system		Priority List); WA Appen1	medium	
	Disodium octaborate	Reproductive			wood preservation, anti-	
					freeze products, heat	
12008-41-2				ECHA Substances of Very High Conc	transfer liquids,	x
12000-41-2				Lena Substances of Very High cone	lubicants/greases,	^
					washing/cleaning products	
12035-36-8	Nickel dioxide	Cancer		Maine (EU Carcinogen)		
				Maine (CA Prop 65; EU Carcinogen;	Lithium batteries, smelting	
12035-72-2	Nickel subsulfide	Cancer		IRIS); WA Appen1; Minnesota HRV		Х
				ECHA Substances of Very High	plastics for wire/cables,	
				Concern	plastics for exterior	
					construction, platics for	
12036-76-9	Lead oxide sulfate	Reproduction			water pipes, plastics for mini	
					blinds, protection pipes and	
					profiles for cables, gas pipes,	
					mirror backing	
12054-48-7	Nickel (II) hydroxide	Cancer		Maine (CA Prop 65); WA Appen1	Nickel salts mfg, Ni-Cd	x
				ECHA Collector of March 11	batteries	
12005 00 0	Donate look to two public state	Damus de casta a		ECHA Substances of Very High	stabiliser, PVC processing,	
12065-90-6	Pentalead tetraoxide sulphate	Reproduction		Concern	lead battery production	
12070 12 1				IARC 2A	In motal cutting tools	
12070-12-1,	Cobalt metal with tungsten carbide	Cancer		IARC 2A	In metal cutting tools;	
7440-48-4				Maine (Fuc Endocrine Digrester	cemented carbide tools Pesticide (EPA reg.	
12122-67-7	Zineb	Endocrine system		Maine (EuC Endocrine Disruptor	cancelled)	
12122-0/-/	Zilleb	Endocrine system		Priority List); WA Appen1	(cancened)	
				Maine (CA Prop 65); WA Appen1	Nickel salt	
12125-56-3	Nickel (III) hydroxide	Cancer		Walle (CA Flop 03), WA Appelli	INICKCI Sait	



			Danist and			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Dundrichian
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
				ECHA Substances of Very High	polymers, coating products,	
				Concern	adhesives, sealants; can be	
12141-20-7	Trilead dioxide phosphonate	Reproduction			found in plastic, rubber, and	
					metal products	
12172-73-5	Asbestos (amosite)	Cancer		Maine (EU Carcinogen)		
12171 11 7	Palygorskite fibers (> 5mm in length)	•		Maine (CA Prop 65); WA Appen1	Fertilizer production,	
12174-11-7	(Attapulgite)	Cancer			suspending aid	
				ECHA Substances of Very High	wire insulation and	
				Concern	jacketing; polymers and	
					coating products; used for	
					manufacture of electrical,	
12202-17-4	Tetralead trioxide sulphate	Reproduction			electronic and optical	х
					equipment, machinery and	
					vehicles, plastic products,	
					chemicals and metals	
	2-Naphthalenecarboxamide, N-[4-			Maine (Canada PBiT); WA Appen1	Plastics, paints	
12236-64-5	(acetylamino)phenyl] -4-[[5-		x			
12230-04-3	(aminocarbonyl)-2-chlorophenyl]azo]-		X			
	3-hydroxy -					
	Acetamide, N-[5-[bis[2-			Maine (Canada PBiT); WA Appen1	Pigment	
	(acetyloxy)ethyl] amino]-2-[(2-bromo-					
12239-34-8	4,6-dinitrophenyl)azo]-4-		х			
	ethoxyphenyl ]- (C.I. Disperse Blue 79)					
12408-10-5	Benzene, tetrachloro-		x	Maine (Canada PBiT); WA Appen1		
	zenzene, tetraernoro		^			
42427.20.2		Cancer, Endocrine		(	Pesticide	
12427-38-2	Maneb	system		Disruptor Priority List); WA Appen1		
				Maine (CA Prop 65; EU	Water softeners, detergents,	
12510-42-8	Erionite	Cancer		Carcinogen); WA Appen1	cracking catalysts	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
12578-12-0	Dioxobis(stearato)trilead	Reproduction		ECHA Substances of Very High Concern	polymers; formulation of mixtures and/or re- packaging; used in manufacture of plastic products; can be found in products with material based on plastic and metal	
12626-81-2	Lead titanium zirconium oxide	Reproduction		ECHA Substances of Very High Concern	can be found in products with material based on stone, plaster, cement, glass, or ceramic; used in polymers	
12642-23-8	PCT Aroclor 5442	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1		
12656-85-8	C.I. Pigment Red 104 [This substance is identified in the Colour Index by Colour Index Constitution Number, C.I. 77605.], Lead chromate molybdate sulfate red	Cancer, Reproduction		Maine (EU Reproductive Toxicant); ECHA Substances of Very High Concern	Pigment	
12672-29-6	PCB Aroclor 1248	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	PCB	
12674-11-2	Aroclor 1016 (PCBs)	Development, Endocrine system	х	Maine (EuC Endocrine Disruptor Priority List); IRIS; WA Appen1	Formerly used for capacitors - current leachate from landfills/improper disposal	
12789-03-6	Chlordane	Cancer	х	Maine (Canada PBiT; IRIS; EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide (EPA reg. cancelled)	
13048-33-4	1,6-Hexanediol diacrylate	Skin		HSDB	Chemical intermediate, crosslinking agent	х
13049-13-3	4,4'-Dihydroxy-3,3',5,5'- tetrachlorobiphenyl	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	РСВ	



			Doveistant			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
	Benzenamine, 4,4'-[(1-			Maine (Canada PBiT); WA Appen1		
13080-86-9	methylethylidene) bis(4,1-		Х			
	phenyleneoxy)]bis-					
				Maine (CA Prop 65; OSPAR	Pesticide (not EPA	
13121-70-5	stannane, tricyclohexylhydroxy-	Cancer	х	Chemicals of Concern); WA Appen1	registered)	
13194-48-4	Ethoprop	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
13134 40 4	Етпортор	curicer				
13256-22-9	N-Nitrososarcosine	Cancer		Maine (CA Prop 65; NTP 11th ROC);	Research	
13230 22 3	TV TVICTOSOSOTOOSITIE	currect		WA Appen1		
	distannoxane, hexakis(2-methyl-2-			Maine (OSPAR Chemicals of High	Pesticide	
13356-08-6	phenylpropyl)-	Cancer	Х	Concern); WA Appen1; Oregon P3		
	риспунрорун			List		
13424-46-9	Lead azide, lead diazide	Reproduction		Maine (EU Reproductive Toxicant)	Explosives	
10.12.1.00	2000 02100, 1000 0102100	noproduction				
13463-39-3	Nickel carbonyl	Cancer, Development		Maine (CA Prop 65; IRIS); WA	Chemical intermediate,	
	·			Appen1	catalyst, glass plating	
13463-67-7	Titanium dioxide	Respiratory system		HSDB; WA Appen1	Pigment, pharmaceutical	Х
13530-65-9	Zinc chromates	Cancer		Maine (EU Carcinogen)		
13552-44-8	4,4'-Methylenedianiline	Cancer		Maine (CA Prop 65; NTP 11th ROC);	·	
	dihydrochloride			WA Appen1	mfg	
13560-89-9	Dechlorane plus	Respiratory system		HSDB; WA Appen1	Fire retardant	
				Maine (EuC Endocrine Disruptor	Pesticide (not EPA	
13593-03-8	Quinalphos = Chinalphos	Endocrine system		Priority List); WA Appen1	registered)	
	44111			ht: (OSDAD CL. )		
13654-09-6	1,1'-biphenyl, 2,2',3,3',4,4',5,5',6,6'-		х	Maine (OSPAR Chemicals of	Flame retardant	
	decabromo-			Concern); WA Appen1		
					flame retardant additive	
					(furniture foam, textiles,	
13674-84-5	Tris (1-chloro-2-propyl) phosphate	Reproductive;		Washington CHCC List	apparel, leather, electronics,	x
	(TCPP)	Developmental			foam insulation, roofing	
					laminates)	
				LICDR, WA Appoint	Flame retardant in plactic-	
12674 07 0	Tric/1 2 dichlore 2 propulations	Kidnov Liver		HSDB; WA Appen1	Flame retardant in plastics,	
13674-87-8	Tris(1,3-dichloro-2-propyl)phosphate	Kidney, Liver			secondary plasticizer	х
	benzenamine, 4,4'-methylenebis[2,6-			Maine (OSPAR Chemicals of	Chemical intermediate	
13680-35-8	diethyl-		Х	Concern); WA Appen1	Chemical intermediate	
	uletriyi-			Concern), WA Appeni		



			Danatatant			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
13768-00-8	Asbestos (non-asbestiform Actinolite)	Cancer		IARC 1	insulation, roofing	
13814-96-5	Lead bis(tetrafluoroborate)	Reproduction		ECHA Substances of Very High Concern	electroplating solution for coating metal objects with lead, curing agent for epoxy resins; metal finishing	
14047-09-7	3,3',4,4'-Tetrachloroazobenzene (TCAB)	Cancer		IARC-2A	manufacture by-product of herbicides; precursor in dye manufacture; heat transfer fluid	
14295-43-3	Benzo[b]thiophen-3(2H)-one, 4,7-dichloro-2-(4,7-dichloro- 3-oxobenzo[b]thien-2(3H)-ylidene)-		х	Maine (Canada PBiT); WA Appen1	Pigment red 88	
14567-73-8	Asbestos (non-asbestiform Tremolite)	Cancer		IARC 1	insulation, roofing	
14797-55-8	Nitrate (as nitrogen)	Blood, Development		WA Appen1; Minnesota HRL	Biological oxidations	
14808-60-7	Silica, crystalline (inhaled in the form of quartz or cristobalite from occupational sources)	Cancer		Maine (IARC); WA Appen1	Glass, abrasives	х
14816-18-3	3,5-dioxa-6-aza-4-phosphaoct-6-ene- 8-nitrile, 4-ethoxy-7-phenyl-, 4- sulfide		x	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (not EPA registered)	
14835-94-0	o,p'-DDMU	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide breakdown product	
14962-28-8	4-Hydroxy-2',4',6'-trichlorobiphenyl	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	PCB congener	
15087-24-8	3-Benzylidene camphor (3-BC)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	UV filter	
15114-15-5	9,10-anthracenedione, 4,8-diamino-2- (4-ethoxyphenyl)-1,5-dihydroxy-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Textiles, coloring agent	



			Persistent,	1		
			Bioaccumulative,			
			Toxic (PBT) or very			
			, , ,			High Production
CAS			Persistent, very Bioaccumulative		Has Evernale(s) and /or	Volume (HPV)
0.10	Chamical Name	Haalah Endusina/a\		Samuele)	Use Example(s) and/or	Chemical <sup>1</sup>
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Cnemical
				ECHA Substances of Very High Concern	bleaching straw, ivory, sponges, bristles, waxes,	
				Concern	other fibers; in laundering,	
15120-21-5	Sodium perborate	Reproduction			dentrifices, soaps; topical	
					antiseptic; vet medication	
					antiseptic, vet medication	
	Lead 2,4,6-trinitro-m-phenylene			Maine (EU Reproductive Toxicant)	Initiating explosive	
15245-44-0	dioxide, lead 2,4,6-	Reproduction				
13243-44-0	trinitroresorcinoxide, lead styphnate	Reproduction				
45200.00.7	` "	D 1 1		IDIC MAA	D	
15299-99-7	Napropamide	Reproduction		IRIS; WA Appen1	Pesticide	
15323-35-0	Musk indane		Х	Oregon P3 List	Fragrance	
15541-45-4	Bromate	Cancer		Maine (CA Prop 65; IRIS); WA	Hair care, water disinfection	
	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-			Appen1 ECHA Substances of Very High	by-product used in polymers/plastics	
15571-58-1	oxo-8-oxa-3,5-dithia-4-	Reproduction		Concern	used in polymers/plastics	
13371-38-1	stannatetradecanoate (DOTE)	Reproduction		Concern		
	Starmate radecanoute (5512)			Maine (EU Carcinogen; ECHA	Semiconductor doping agent	
15606-95-8	triethyl arsenate	Cancer		Substances of Very High Concern);		
	,			WA Appen1		
	Trimethylolpropane triacrylate,	Cancer			Paint, adhesive, printing,	
15625-89-5	technical grade			IARC-2B	photographic, various	х
					manufacturing processes	
	Propanenitrile, 3-[[4-[(4-			Maine (Canada PBiT); WA Appen1		
15958-27-7	nitrophenyl)azo] phenyl][2-		x			
13330 27 7	[[(phenylamino)carbonyl]oxy]ethyl]a		^			
	mino ]-			Maine (Canada DDIT), M/A Assessed		
15958-61-9	9,10-Anthracenedione, 1-[[4- (phenylsulfonyl)phenyl]amino]-		х	Maine (Canada PBiT); WA Appen1		
	(pricing isomorphy) pricing isomorphy	DI LO		Maine (CA Prop 65; EuC Endocrine	Pesticide	
45072 60 6	Alaskia	Blood, Cancer,		Disruptor Priority List); WA		
15972-60-8	Alachlor	Endocrine system,		Appen1; Minnesota HRL		
		Kidney, Liver				
16071-86-6	Direct Brown 95 (technical grade)	Cancer		Maine (CA Prop 65); WA Appen1	Pigment brown 95	
		Body Weight, Liver,		OECD - SIDS/SIAR	Copolymer in production of	
16219-75-3	5-Ethylidene-2-norbornene	Thyroid			ethylene-propylene diene	х
		111,1010			monomer	



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			Utali Basili attan
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
16421-40-2	Acetamide, N-[5-[[2-(acetyloxy)ethyl] (phenylmethyl)amino]-2-[(2-chloro-4,6-dinitrophenyl )azo]-4-methoxyphenyl]-		х	Maine (Canada PBiT); WA Appen1	Dye	
16421-41-3	Acetamide, N-[5-[[2-(acetyloxy)ethyl] (phenylmethyl)amino]-2-[(2,4-dinitrophenyl)azo]-4 - methoxyphenyl]-		x	Maine (Canada PBiT); WA Appen1	Dye	
16543-55-8	N-Nitrosonornicotine	Cancer		Maine (CA Prop 65; IARC; NTP 11th ROC); WA Appen1	Research	
16568-02-8	Gyromitrin (Acetaldehyde methylformylhydrazone)	Cancer		Maine (CA Prop 65); WA Appen1	Mushroom natural toxin	
16586-42-8	Propanenitrile, 3-[ethyl[3-methyl-4- [(6-nitro- 2- benzothiazolyl)azo]phenyl]amino]-		x	Maine (Canada PBiT); WA Appen1	Dye	
16672-87-0	Ethephon	Nervous system		IRIS; WA Appen1	Plant growth regulator	
16752-77-5	Methomyl	Kidney, Spleen		IRIS; WA Appen1	Pesticide	
16812-54-7	Nickel sulphide	Cancer		Maine (EU Carcinogen)	Nickel ore	
16834-13-2	21H,23H-Porphine, 5,10,15,20-tetra- 4-pyridinyl-		х	Maine (Canada PBiT); WA Appen1	Dye	
17068-78-9	Asbestos (anthophyllite)	Cancer		IARC 1	some insulating materials and some asbestos cement products	
17464-91-4	Ethanol, 2,2'-[[4-[(2-bromo-6-chloro-4-nitrophenyl)azo]-3-chlorophenyl]imino]bis-		x	Maine (Canada PBiT); WA Appen1	Dye	
17540-75-9	phenol, 2,6-bis(1,1-dimethylethyl)-4-(1-methylpropyl)-		х	Maine (Canada PBiT; OSPAR Chemicals of Concern); WA Appen1	Plastics, antioxidant	
17570-76-2	Lead(II) methanesulphonate	Reproduction		Maine (EU Reproductive Toxicant)		
17804-35-2	Benomyl	Development, Reproduction		Maine (CA Prop 65); WA Appen1	Pesticide (EPA reg. cancelled), pharmaceutical	



			Persistent,			
			,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
			Persistent, very			Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
18181-70-9	phosphorothioic acid, O-(2,5-dichloro- 4-iodophenyl) O,O-dimethyl ester		x	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (not EPA registered)	
18540-29-9	Chromium(VI)	Cancer, Respiratory system		Maine (IARC; IRIS; NTP 11th ROC); WA Appen1; Minnesota HRV	Chrome plating, dyes, pigments	
18662-53-8	Nitrilotriacetic acid, trisodium salt monohydrate	Cancer		Maine (CA Prop 65); WA Appen1	Detergent	
19044-88-3	Oryzalin	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
19398-13-1	propanoic acid, 2-(2,4,5- trichlorophenoxy)-, 2-butoxyethyl ester		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (EPA reg. cancelled)	
19438-60-9	Hexahydro-4-methylphthalic anhydride	Systemic		ECHA Substances of Very High Concern	used in polymers, plasticzers, epoxy resin hardener; chemical intermediate	
19666-30-9	Oxadiazon	Cancer, Development		Maine (CA Prop 65); WA Appen1	Pesticide	
19745-44-9	Propanenitrile, 3-[4-[(5-nitro-2-thiazolyl) azo](2-phenylethyl)amino]-		х	Maine (Canada PBiT); WA Appen1		
19800-42-1	Phenol, 4-[[2-methoxy-4-[(4- nitrophenyl)azo]phenyl]azo]- (Disperse Orange 29)		х	Maine (Canada PBiT); WA Appen1	Dye	
20241-76-3	9,10-Anthracenedione, 1,8-dihydroxy- 4-nitro-5-(phenylamino)- (Disperse Blue 77)		х	Maine (Canada PBiT); WA Appen1	Dye	
20265-96-7	p-Chloroaniline hydrochloride	Cancer		Maine (CA Prop 65); WA Appen1	Dye, chemical intermediate	
20354-26-1	Methazole	Development		Maine (CA Prop 65); WA Appen1	Pesticide (EPA reg. cancelled)	
21041-95-2	Cadmium hydroxide	Cancer; Mutagenic; Systemic toxicity		ECHA Substances of Very High Conc	electrode in Nickel-Cadmium batteries	
21087-64-9	Metribuzin	Kidney, Liver		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide	
21136-70-9	Benzidine sulphate	Cancer		Maine (EU Carcinogen)	Dyes	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
21150-89-0	phenol, 4-(1,1-dimethylethyl)-,		x	Maine (OSPAR Chemicals of		
21130-69-0	hydrogen phosphate		X	Concern); WA Appen1		
	phosphonothioic acid, phenyl-, O-(4-			Maine (OSPAR Chemicals of	Pesticide (not EPA	
21609-90-5	bromo-2,5-dichlorophenyl) O-methyl ester (Leptophos)		X	Concern); WA Appen1	registered)	
21727 15 2		Development, Kidney,		Maine (CA Prop 65); WA Appen1;	Pesticide (EPA reg.	
21725-46-2	Cyanazine	Liver		Minnesota HRL	cancelled)	
21811-64-3	Phenol, 4,4'-[1,4-		X	Maine (Canada PBiT); WA Appen1	Dye	
	phenylenebis(azo)]bis-			Maine (OSDAD Charainala of	Flome retardent in planting	
	benzene, 1,1'-(1-			Maine (OSPAR Chemicals of	Flame retardant in plastics	
21850-44-2	methylethylidene)bis[3,5-dibromo-4-		X	Concern); WA Appen1		
	(2,3-dibromopropoxy)-					
22224-92-6	Fenamiphos	Nervous system		IRIS; WA Appen1	Pesticide	
22398-80-7	Indium phosphide	Cancer		Maine (CA Prop 65; IARC); WA	Semiconductors, laser, solar	
22398-80-7	maiam phospinae	Cancer		Appen1	cells	
	Methyl mercury	Development,		Maine (CA Prop 65; WA PBT list);	In fish, seed treatment	
22967-92-6		Nervous system	Х	WA Appen1; Oregon P3 List;		
		ivervous system		Minnesota HRV		
23077-61-4	9H-Carbazole-1-carboxamide, N-(4-chlorophenyl)-2-hydroxy-		x	Maine (Canada PBiT); WA Appen1		
				Maine (CA Prop 65)	Pesticide (EPA reg.	
23103-98-2	Pirimicarb	Cancer		` ' '	cancelled)	
23135-22-0	Oxamyl	Body weight		IRIS; WA Appen1	Pesticide	
	Ethanal 2 21 [[2 ahlana 4 [/2 C			Maine (Canada PBiT); WA Appen1	Dye	
22255 64 0	Ethanol, 2,2'-[[3-chloro-4-[(2,6-					
23355-64-8	dichloro- 4-		Х			
	nitrophenyl)azo]phenyl]imino]bis-					
23564-05-8	Thiophanate methyl	Reproduction		Maine (CA Prop 65); WA Appen1	Pesticide, pharmaceutical	
	•			Maine (CA Draw CF) WA A	Dankinish.	
23950-58-5	Pronamide	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
	Stannane, tributyl[(1-oxo-9,12-			Maine (EuC Endocrine Disruptor	Antifouling	
24124-25-2	octadecad	Endocrine system		Priority List); WA Appen1		
	octadecad					
		Blood, Body weight,		IRIS; WA Appen1	Pesticide	
24307-26-4	Mepiquat chloride	Nervous system				



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
	1-Octanesulfonamide,	1 (7	,	Maine (Canada PBiT); WA Appen1	PFC	
	1,1,2,2,3,3,4,4,5,5,6,6,7, 7,8,8,8-					
24448-09-7	heptadecafluoro-N-(2-hydroxyethyl)-		X			
	N-methyl -					
	Benzonitrile, 2-[[4-[(2-cyanoethyl)(2-			Maine (Canada PBiT); WA Appen1		
24610-00-2	phenylethyl) amino]phenyl]azo]-5-		х	/ 11		
	nitro-					
				ECHA Substances of Very High	corrosion inhibitor; catalyst	
24613-89-6	Dichromium tris(chromate)	Cancer		Concern	in the mordanting of yarns	
		NI		HSDB; NTP	Resins, coating, chemical	
25013-15-4	Vinyl toluene	Nervous system,			intermediate in insecticides	x
		Respiratory system				
				Maine (CA Prop 65; NTP 11th ROC;	Commercial stabilizer,	
		Canada Endanda		OSPAR Chemicals of Concern; EuC	antioxidant	
25013-16-5	butylhydroxyanisol	Cancer, Endocrine		Endocrine Disruptor Priority List);		
		system		WA Appen1; WA CHCC		
	2,2'-bis(2-(2,3-epoxypropoxy)phenyl)-			Maine (EuC Endocrine Disruptor	Formation of epoxy resins	
25036-25-3	propane	Endocrine system		Priority List); WA Appen1		
	proparie					
25057-89-0	Bentazon (Basagran)	Blood		IRIS; WA Appen1	Pesticide (EPA reg.	
23037-83-0	Dentazon (Dasagran)	Dioou			cancelled)	
	Propanenitrile, 3-[[4-[(6,7-dichloro-2-			Maine (Canada PBiT); WA Appen1	Dye	
25150-28-1	benzothiazolyl)		х			
	azo]phenyl]ethylamino]-					
				Maine (EuC Endocrine Disruptor	Heat stabilizer, bactericide	
25154-52-3	phenol, nonyl-	Endocrine system	x	Priority List; OSPAR Chemicals of		
2313 1 32 3	priction, fronty:	Endocrine system	^	Concern); WA Appen1; WA CHCC		
25155-23-1	Trixylyl phosphate	Reproduction		ECHA Substances of Very High	Flame retardant; plasticizer	
	, , , , , , , , , , , , , , , , , , , ,			Concern		
	Peroxide, [1,3(or 1,4)-phenylenebis(1-			Maine (Canada PBiT); WA Appen1	Polymer initiator	
25155-25-3	methylethylidene) ]bis[(1,1-		x			
	dimethylethyl)					
	- , , ,					
25460 45	acetic acid, (2,4,5-trichlorophenoxy)-,			Maine (OSPAR Chemicals of	Pesticide (not EPA	
25168-15-4	isooctyl ester		Х	Concern); WA Appen1	registered)	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			, , ,			<b>High Production</b>
CAS			Persistent, very		Lles Evenuels/s\ and/su	Volume (HPV)
CAS	Chambal Name	The state For docators (s)	Bioaccumulative	Commente)	Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
25214-70-4	Formaldehyde, oligomeric reaction products with aniline	Cancer		ECHA Substances of Very High Concern	hardener for epoxy resins, polymer production	
25321-14-6	Dinitrotoluene (isomers mixture) DNT	Adrenal glands, Liver		OECD - SIDS/SIAR; WA Appen1	Production of diisocyante, explosives mfg, plasticizer	х
25340-17-4	Benzene, diethyl-	Development		EPA - RBP	Reactant	х
25550-51-0	Hexahydromethylphthalic anhydride	Systemic		ECHA Substances of Very High Concern	used in polymers, plasticzers, epoxy resin hardener; chemical intermediate	x
25637-99-4	Hexabromocyclododecane		х	Maine (WA PBT List; EU PBT List; ECHA Substances of Very High Concern); WA Appen1; WA CHCC; Oregon P3 List	Flame retardant	x
25808-74-6	Lead hexafluorosilicate	Reproduction		Maine (EU Reproductive Toxicant)	Refining lead	
25857-05-0	Hexanedioic acid, bis[2-[[4-(2,2-dicyanoethenyl] -3-methylphenyl]ethylamino]ethyl] ester		х	Maine (Canada PBiT); WA Appen1	Dye	
25973-55-1	phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylpropyl)-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Antioxidant	х
26040-51-7	Bis (2-ethylhexyl) tetrabromophthalate (TBPH)	Reproductive; Developmental; Neurological		Washington CHCC List	foam baby products; residential furniture; additive flame retardant mixtures; consturction materials; plasticizer in PVC electrical equipment, electronics, and appliances	x
26140-60-3	Terphenyl		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Heat transfer agent	
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	
26239-64-5	Stannane, tributyl[[[1,2,3,4,4a,4b,5,6,1	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Antifouling	



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			Toxic (PBT) or very			High Dundretion
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
26354-18-7	2-propenoic acid, 2-methyl-, methyl ester = Stannane, tributylmeacrylate	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Antifouling	
26399-36-0	benzenamine, N-(cyclopropylmethyl)- 2,6-dinitro-N-propyl-4- (trifluoromethyl)-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (EPA reg. cancelled)	
26447-49-4	hexabromododecane		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Flame retardant	
26471-62-5	Toluene diisocyanate	Cancer, Respiratory system		Maine (CA Prop 65; NTP 11th ROC); WA Appen1; Minnesota HRV	In polyurethane foams, cross- link in nylon 6	х
26603-40-7	1,3,5-triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(3-isocyanatomethylphenyl)-		х	Maine (OSPAR Chemicals of Concern); WA Appen1		
26628-22-8	Sodium azide	Body weight		IRIS; WA Appen1	Airbags in vehicles, preservative	
26636-32-8	Tributyltinnaphthalate	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Non-ionic detergent	
26644-46-2	Triforine	Development		Maine (CA Prop 65); WA Appen1	Pesticide	
26761-40-0	Di-isodecyl phthalate (DIDP)	Liver, Development		Maine CC; CA Prop 65; WA CHCC; U.S. CPSC	Plasticizer for polyvinyl chloride film, sheet coated fabrics, hoses, PVC flooring/wall covering, wires/cables, car interior leather, rotational moulding	х
26850-12-4	Propanamide, N-[5-[bis[2- (acetyloxy)ethyl] amino]-2-[(2-chloro- 4-nitrophenyl)azo]phenyl] -		х	Maine (Canada PBiT); WA Appen1	Dye	
26999-29-1	phosphorodithioic acid, O,O- diisooctyl ester		x	Maine (OSPAR Chemicals of Concern); WA Appen1	Zinc compound	
27193-28-8	Phenol, (1,1,3,3-tetramethylbutyl)- = Octylphenol	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide (EPA reg. cancelled)	
27208-37-3	Cyclopenta[cd]pyrene	Cancer		Maine (IARC); WA Appen1	In carbon black	
27304-13-8	Oxychlordane, single isomer		Х	Oregon P3 List; WA Appen1	Pesticide	



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			Persistent,			
			Bioaccumulative,			
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			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
27314-13-2	Norflurazon	Liver, Thyroid		IRIS; WA Appen1	Pesticide	
27341-33-9	9,10-Anthracenedione, 1-amino-4- [(methoxyphenyl)amino]-		х	Maine (Canada PBiT); WA Appen1	Chemical intermediate	
27554-26-3	1,2-benzenedicarboxylic acid, diisooctyl ester	Endocrine system		Maine (OSPAR Chemicals of Concern; equivalent); WA Appen1	Plasticizer	
27753-52-2	nonabromobiphenyl		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Flame retardant	
27858-07-7	octabromobiphenyl		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Flame retardant	
28249-77-6	Thiobencarb	Blood chemistry, Body weight		IRIS; WA Appen1	Pesticide	
28407-37-6	C.I. Direct Blue 218	Cancer		Maine (CA Prop 65); WA Appen1	Dye	
28434-86-8	3,3'-Dichloro-4,4'-diamino-diphenyl ether	Cancer		Maine (CA Prop 65); WA Appen1	Epoxy resin hardeners	
28553-12-0	Diisononyl phthalate (DINP)	Development, Cancer		Cal Prop 65, WA State CHCC	plasticizer for PVC and flexible vinyls; perfumes and cosmetics	х
28680-45-7	heptachloronorbornene		x	Maine (OSPAR Chemicals of Concern; OSPAR Chemicals for Priority Action); WA Appen1	Chemical intermediate	
28824-41-1	Propanenitrile, 3-[[4-[(4,6-dibromo-2-benzothiazolyl) azo]phenyl]ethylamino]-		х	Maine (Canada PBiT); WA Appen1		
29081-56-9	Ammonium salt [Perfluorooctane sulfonates (PFOS)]	Development, Liver, Thyroid	х	Maine (Canada PBiT; WA PBT list); WA Appen1; Minnesota HRL	PFC	
29082-74-4	Octachlorostyrene		х	Maine (EPA Final PBT Rule for TRI; TRI PBT Chemical List; EPA Priority PBT); WA Appen1; Oregon P3 List	By-product for agriculture	
29312-59-2	benzenamine, 4-(2,6-diphenyl-4-pyridinyl)-N,N-dimethyl-		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Paints, lacquers, varnishes	
29398-96-7	[1,1'-biphenyl]-4,4'-diamine, N,N'-bis(2,4-dinitrophenyl)-3,3'-dimethoxy-		х	Maine (OSPAR Chemicals of Concern; Canada PBiT); WA Appen1	Colorant	
29457-72-5	Perfluorooctane sulfonate salt (PFOS)	Development, Liver, Thyroid	x	Maine (WA PBT List); WA Appen1; Minnesota HRL	PFC	



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			Bioaccumulative,			
			Toxic (PBT) or very			Hitalia Barada attau
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
29761-21-5	phosphoric acid, isodecyl diphenyl		x	Maine (OSPAR Chemicals of	Plasticizer, lubricant	
29701-21-3	ester		^	Concern); WA Appen1		
29765-00-2	Benzamide, N-[5-[bis[2- (acetyloxy)ethyl] amino]-2-[(4- nitrophenyl)azo]phenyl]-		х	Maine (Canada PBiT); WA Appen1	Dye	
	1,3-Dichloro-2,2-bis(4-methoxy-3-			Maine (EuC Endocrine Disruptor		
30668-06-5	methylphenyl)propane	Endocrine system		Priority List); WA Appen1		
	Benzenamine, 4-[(2-chloro-4-			Maine (Canada PBiT); WA Appen1		
31030-27-0	nitrophenyl) azo]-N-ethyl-N-(2- phenoxyethyl)-		х			
				Maine (EuC Endocrine Disruptor	PCB	
				Priority List; EPA Final PBT Rule for		
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl	Endocrine system	х	TRI; WA PBT List); WA Appen1;		
				Oregon P3 List		
	Hantack land a subthallow a			Maine (WA PBT List; OSPAR	PCN	
32241-08-0	Heptachloronaphthalene   [Polychlorinated naphthalenes]		х	Chemicals of Concern); WA		
	[Polychiorinated naphthalenes]			Appen1; Oregon P3 List		
	Pentabromodiphenyl ether			Maine (WA PBT List; OSPAR	Flame retardant	
32534-81-9	[Polybrominated diphenyl ethers]		х	Chemicals of Concern; Canada		
	[Folybrominated diphenyl ethers]			PBiT); WA Appen1		
	Octabromodiphenyl ether			Maine (WA PBT List; EU PBT List;	Flame retardant	
32536-52-0	[Polybrominated diphenyl ethers]		х	OSPAR Chemicals of Concern); WA		
	[Folybrominated diphenyl ethers]			Appen1		
				Maine (EuC Endocrine Disruptor	PCB	
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl	Endocrine system	x	Priority List; EPA Final PBT Rule for		
32330-13-3	3,3,4,4 -Tetracinorosiphenyi	Endocrine system	^	TRI); WA Appen1; Oregon P3 List		
				Maine (EuC Endocrine Disruptor	РСВ	
				Priority List; EPA Final PBT Rule for		
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl	Endocrine system	х	TRI; WA PBT List); WA Appen1;		
				Oregon P3 List		
				Maine (EuC Endocrine Disruptor	РСВ	
2274 : 5 5				Priority List; EPA Final PBT Rule for		
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl	Endocrine system	Х	TRI; WA PBT List); WA Appen1;		
				Oregon P3 List		



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
			Persistent, very			Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
		Cancer, Endocrine		, , ,	Pesticide (not EPA	
32809-16-8	Procymidone	system		Disruptor Priority List); WA Appen1	registered)	
33089-61-1	Amitraz	Development		Maine (CA Prop 65); WA Appen1	Pesticide	
	2,6-cis-			Maine CC; EuC Endocrine Disruptor		
33204-76-1	Diphenylhexamethylcyclotetrasiloxan	Endocrine system		Priority List		
33201701	e - 2,6-cis-[(PhMeSiO)2(Me2SiO)2]	Endocrine system				
22212 57 0				Maine (NWM Priority Chemicals);	Pesticide (not EPA	
33213-65-9	Endosulfan, beta		Х	WA Appen1	registered)	
22020 52 0	Isanranalin	Blood Organ weight		IRIS; WA Appen1	Pesticide (EPA reg.	
33820-53-0	Isopropalin	Blood, Organ weight			cancelled)	
33979-03-2	1,1'-biphenyl, 2,2',4,4',6,6'-		x	Maine (OSPAR Chemicals of	PCB	
33373-03-2	hexachloro-		^	Concern); WA Appen1		
				Maine (Canada PBiT); WA Appen1		
	Propanenitrile, 3-[[2-					
33979-43-0	(acetyloxy)ethyl][4- [(5,6-dichloro-2-		Х			
	benzothiazolyl)azo]phenyl]amino ]-					
34014-18-1	Tebuthiuron	Body weight		IRIS; WA Appen1	Pesticide	
				Maine (CA Prop 65; EuC Endocrine	Pesticide	
		Cancer, Development,		Disruptor Priority List); WA		
		Endocrine system,		Appen1; Minnesota HRL		
34256-82-1	Acetochlor	Kidney, Liver, Nervous				
		system, Respiratory				
		system, Reproduction				
	1-Hexanesulfonamide, N-ethyl-			Maine (Canada PBiT); WA Appen1		
34455-03-3	1,1,2,2,3,3,4,4,5, 5,6,6,6-		x			
	tridecafluoro-N-(2-hydroxyethyl)-					
	PCB 153 (2,2',4,4',5,5'-				РСВ	
35065-27-1	Hexachlorobiphenyl)	Endocrine system		Priority List); WA Appen1; Oregon P3 List		
	202 422 [2 2] 2 4 4 5 7			Maine (EuC Endocrine Disruptor	Enclosed electrical systems	
35065-28-2	PCB-138 [2,2',3,4,4',5'-	Endocrine system	х	Priority List); Oregon P3 List		
	hexachlorobiphenyl]					



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	<b>Chemical Class</b>	Chemical <sup>1</sup>
	PCB-180 [2,2',3,4,4',5,5'-			Maine (EuC Endocrine Disruptor	Enclosed electrical systems	
35065-29-3		Endocrine system	x	Priority List); Oregon P3 List		
	heptachlorobiphenyl]					
35367-38-5	Diflubenzuron	Blood		IRIS; WA Appen1	Pesticide	
35554-44-0	Imazalil (Enilconazole)	Body weight		IRIS; WA Appen1	Pesticide	
				Maine (EuC Endocrine Disruptor		
35693-92-6	2,4-6-trichlorobiphenyl	Endocrine system		Priority List); WA Appen2		
	PCB 52 (2,2';5,5'-			Maine (EuC Endocrine Disruptor	РСВ	
35693-99-3	Tetrachlorobiphenyl)	Endocrine system	X	Priority List); WA Appen1; Oregon		
	Tetracinorobiphenyi,			P3 List		
	2,4,6-bromophenyl 1-2(2,3-dibromo-			Maine (OSPAR Chemicals of	PCB	
36065-30-2	2-methylpropyl)		х	Concern; OSPAR Chemicals for		
				Priority Action); WA Appen1		
	Benzenepropanoic acid, 3,5-bis(1,1-			Maine (Canada PBiT); WA Appen1		
36294-24-3	dimethylethyl)-4-hydroxy-, ethyl		х			
	ester					
36341-27-2	Benzidine acetate	Cancer		Maine (EU Carcinogen)		
36355-01-8	1,1'-biphenyl, hexabromo-		x	Maine (OSPAR Chemicals of	Flame retardants mfg	
00222 22				Concern); WA Appen1		
36483-60-0	Benzene, 1,1'-oxybis-, hexabromo		x	Maine (Canada PBiT); WA Appen1	Flame retardants	
	deriv.					
	Stannane, tributyl = Tributyltin			Maine (EuC Endocrine Disruptor		
36631-23-9	naphtalate	Endocrine system		Priority List); WA Appen1		
				10. (CA Press CE) 14/4 Assessed	D 11 14 -	
36734-19-7	Iprodione	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
				Marine /FuC Fordersine Dissurator	Commented III/ mantachant	
	bicyclo(2.2.1)heptan-2-one, 1,7,7-			Maine (EuC Endocrine Disruptor	Cosmetics, UV protectant	
36861-47-9	trimethyl-3-[(4-	Endocrine system	x	Priority List; OSPAR Chemicals of		
	methylphenyl)methylene]-			Concern); WA Appen1		
37224-57-0	zinc potassium chromate	Cancer		Maine (EU Carcinogen)		
3/224-3/-0	ZINC pocassium chromate	Calicei		Maine (EuC Endocrine Disruptor		
37680-65-2	PCB 18 (2,2',5-Trichlorobiphenyl)	Endocrine system				
37000-03-2	PCB 16 (2,2,3-111Cillorodiphenyl)	Endocrine system		Priority List); WA Appen1		
	PCB-101 [2,2',4,5,5'-			Oregon P3 List	РСВ	
37680-73-2	pentachlorobiphenyl]		х	Olegon F3 List	РСВ	
	pentachioropiphenyij					1



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			Hitalia Barada attau
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
	benzenamine, N-[3-phenyl-4,5-			Maine (OSPAR Chemicals of	Pesticide (not EPA	
37893-02-0	bis[(trifluoromethyl)imino]-2-		x	Concern); WA Appen1	registered)	
	thiazolidinylidene]-					
	1-Propanaminium, 3-			Maine (Canada PBiT); WA Appen1		
38006-74-5	[[(heptadecafluorooctyl)		x			
	sulfonyl]amino]-N,N,N-trimethyl-,					
	chloride					
20051 10 4	Bis (chloromethyl) propane-1,3-diyl	Canaca		Machineton CHCC Lint	additive flame waterdant	
38051-10-4	tetrakis-(2-chloroethyl)	Cancer		Washington CHCC List	additive flame retardant	
	bis(phosphate)(V6)			Maine (EuC Endocrine Disruptor		
38380-07-3	PCB 128 (2,2',3,3',4,4'-	Endocrine system		Priority List); WA Appen1		
38380-07-3	Hexachlorobiphenyl)	Liluociille system		Priority List), WA Appeni		
				Maine (EPA Final PBT Rule for TRI;		
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl		x	WA PBT List); WA Appen1; Oregon		
36360-06-4				P3 List		
				Maine (EuC Endocrine Disruptor		
38444-88-1	3,4',5-trichlorobiphenyl	Endocrine system		Priority List)		
	Niekal his 11 14			Maine (Canada PBiT); WA Appen1		
38465-55-3	Nickel, bis[1-[4-		v			
36403-33-3	(dimethylamino)phenyl] -2-phenyl- 1,2-ethenedithiolato(2-)-S,S']-		Х			
	1,2-etherieditiilolato(2-)-3,3 ]-					
38521-51-6	benzene, pentabromo(bromomethyl)-		x	Maine (OSPAR Chemicals of	Chemical synthesis, chemical	
30321 31 0	benzene, pentabromo(bromometry)		^	Concern); WA Appen1	intermediate	
38640-62-9	naphthalene, bis(1-methylethyl)-		x	Maine (OSPAR Chemicals of	Substitute for PCBs,	
				Concern); WA Appen1	chemical intermediate	
39001-02-0	1,2,3,4,6,7,8,9-		x		Furan	
	Octachlorodibenzofuran			WA PBT List); WA Appen1		
39156-41-7	2,4-Diaminoanisole sulfate	Cancer		Maine (CA Prop 65; NTP 11th ROC);	Diagnostic agents, dye	
				WA Appen1		
39300-45-3	Dinocap	Development		Maine (CA Prop 65); WA Appen1	Pesticide (EPA reg.	
	about 2.4 diabless Fuites	·		Maine (OCDAD Chemicale of	cancelled)	
39489-75-3	phenol, 2,4-dichloro-5-nitro-,		x	Maine (OSPAR Chemicals of	Chemical synthesis	
39515-41-8	carbonate (2:1) (ester) Danitol	Narvous system		Concern); WA Appen1 IRIS; WA Appen1	Pesticide	
33313-41-8	Dailitui	Nervous system		Maine (EPA Final PBT Rule for TRI,	PCB	
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobiphenyl		x	WA PBT List); WA Appen1; Oregon	T CD	
33033-31-9	2,3,3,7,4,3,3 Heptachiorosiphenyi		^	P3 List		
				II 2 FISE		



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
				Maine (EuC Endocrine Disruptor	Pesticide (not EPA	
39765-80-5	Trans-Nonachlor	Endocrine system	х	Priority List); WA Appen1; Oregon	registered)	
				P3 List		
40088-47-9	Benzene, 1,1'-oxybis-, tetrabromo		x	Maine (Canada PBiT); WA Appen1	Flame retardant	
40008-47-3	deriv.		^			
				Maine (EPA Final PBT Rule for TRI;	Pesticide	
40487-42-1	Pendimethalin		x	TRI PBT Chemical List; NWM		
40407-42-1	i endimetrialin		^	Priority Chemicals); WA Appen1;		
				Oregon P3 List		
	Benzene, 1,1'-			Maine (Canada PBiT); WA Appen1	Specialty organic chemical	
40615-36-9	(chlorophenylmethylene)bis[4-		х			
	methoxy-					
	Propanenitrile, 3-[[4-[(5,6-dichloro-2-			Maine (Canada PBiT); WA Appen1	Dye	
41362-82-7	benzothiazolyl)		Х			
	azo]phenyl]methylamino]-					
				EPA - HC	Stabilizer for polyolefins,	
	Benzenepropanoic acid, 3,5-bis(1,1-				elastomers; additive for	
41484-35-9	dimethylethyl)-4-hydroxy-, 1,1'-	Liver			synthetic and partially	Х
	(thiodi-2,1-ethanediyl) ester				synthetic lubricants for	
					engine oils.	
				Maine (Canada PBiT); WA Appen1	Antioxidant/corrosion	
	Decanedioic acid, bis(1,2,2,6,6-				inhibitor/tarnish	
41556-26-7	pentamethyl-4-piperidinyl) ester		Х		inhibitor/scavenger/antiscali	х
	pentamenty i pipenamyiy ester				ng agent, paints, plastics	
41604-19-7	1,1'-biphenyl, 4-bromo-2-fluoro-		x	Maine (OSPAR Chemicals of	Chemical intermediate	
12007 20 1	, , , ,			Concern); WA Appen1		
41999-84-2	benzene, 1,4-dichloro-2,5-		x	Maine (OSPAR Chemicals of	Chemical intermediate	
	bis(dichloromethyl)-		~	Concern); WA Appen1		
42074-68-0	benzene, 1-chloro-2-		x	Maine (OSPAR Chemicals of	Resins	
	(chlorodiphenylmethyl)-			Concern); WA Appen1		
42479-88-9	[1,1'-Biphenyl]-4-ol, 3,4'-bis(1,1-		х	Maine (Canada PBiT); WA Appen1	Chemical intermediate	
	dimethylethyl)-					
	Nickel, bis[2,3-bis(hydroxyimino) -N-			Maine (Canada PBiT); WA Appen1	Colorant	
42739-61-7	(2-methoxyphenyl)butanamidato]-		Х			
	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					



				1		
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
	Acetamide, N-[2-[(2-bromo-4,6-			Maine (Canada PBiT); WA Appen1	Dye	
42852-92-6	dinitrophenyl) azo]-4-methoxy-5-		x			
42032-32-0	[(phenylmethyl)-2-propenylamino		^			
	]phenyl]-					
42874-03-3	Oxyfluorfen		х	WA Appen1; Oregon P3 List	Pesticide	
43121-43-3	Triadimefon	Development,		Maine (CA Prop 65); WA Appen1	Pesticide	
		Reproduction				
				Maine (EuC Endocrine Disruptor	Pesticide breakdown	
43216-70-2	3-OH-o,p'-DDT	Endocrine system		Priority List); WA Appen1	product	
				ECHA Substances of Very High	used in polymers,	
48122-14-1	Hexahydro-1-methylphthalic	Systemic		Concern	plasticzers, epoxy resin	
	anhydride				hardener; chemical	
				ECHA C. L	intermediate	
				ECHA Substances of Very High	coating products, adhesives,	
49663-84-5	Pentazinc chromate octahydroxide	Cancer		Concern	sealants; used in	
					manufacture of machinery	
				Maine (CA Prop 65; EuC Endocrine	and vehicles Pesticide	
	2,4-oxazolidinedione, 3-(3,5-	Cancer, Development,		Disruptor Priority List; OSPAR	Pesticide	
50471-44-8	dichlorophenyl)-5-ethenyl-5-methyl-	Endocrine System		Chemicals of Concern); WA Appen1		
	dictilorophenyi)-5-ethenyi-5-methyi-	Lildociille System		Chemicals of Concerny, WA Appeni		
	butanoyl chloride, 4-[2,4-bis(1,1-			Maine (OSPAR Chemicals of	Chemical intermediate	
50772-29-7	dimethylpropyl)phenoxyl-		Х	Concern); WA Appen1		
	benzaldehyde, 2-hydroxy-5-nonyl-,			Maine (OSPAR Chemicals of	Refining and processing of	
50849-47-3	oxime		X	Concern); WA Appen1	metals	
				Maine (OSPAR Chemicals of	Polymerization	
51000-52-3	neodecanoic acid, ethenyl ester		х	Concern; OSPAR Chemicals for		x
				Priority Action); WA Appen1		
F1207.24.0	2.2.7.0. Totale able at 12th friend			Maine (EPA Final PBT Rule for TRI;	Furan	
51207-31-9	2,3,7,8-Tetrachlorodibenzofuran		х	WA PBT List); WA Appen1		
51218-45-2	Metolachlor	Development		WA Appen1; Minnesota HBV	Pesticide	
51235-04-2	Hexazinone	Body weight		IRIS; WA Appen1	Pesticide	
51338-27-3	Diclofop methyl	Cancer, Development		Maine (CA Prop 65); WA Appen1	Pesticide	
	,			IDIC MAA	D .: : 1 /5DA	
51630-58-1	Pydrin	Nervous system		IRIS; WA Appen1	Pesticide (EPA reg.	
	•	·		AA : (OSDAD SI : I S	cancelled)	
51775-36-1	2,2,5-endo,6-exo,8,9,10-		х	Maine (OSPAR Chemicals of		
	heptachloronorbornane			Concern); WA Appen1		



Persistent,   Posic (PBT) or very   Persistent, very   Persistent   Persi				Doveistant			
Toxic (PBT) or very   Persistent, very   Persiste				,			
Persistent, very   Gastrointestinal   Gastrointestinal   System   Source(s)   Chemical Class   Chemical Class   System   System   System   Source(s)   Pesticide, pharmaceutical   System   Sy				•			
CAS   Number   Chemical Name   Health Endpoint(s)   Bioaccumulative   (vPvB)   Source(s)   Chemical Class				, ,			High Dundricking
Number   Chemical Name   Health Endpoint(s)   (VPVB)   Source(s)   Chemical Class   Chemical Lass							
Sastrointestinal system   Sastrointestinal	CAS						
System   S	Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
1,3,5-triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-triszine-2,4,6(1H,3H,5H)-trione, 1,3,5-triszine-2,4,6(1H,3H,5H)-trione, 1,3,5-triszine-2,4,6(1H,3H,5H)-trione, 1,3,5-triszine-2,4,6(1H,3H,5H)-trione, 2,2'\(\frac{1}{1}\), 3,5-triszine-2,4,6(1H,3H,5H)-trione, 2,2'\(\frac{1}{1}\), 3,5-triszine-2,4,6(1H,3H,5H)-trione, 2,2'\(\frac{1}{1}\), 3,5-triszine-2,4,6(1H,3H,5H)-trione, 2,2'\(\frac{1}{1}\), 3,5-triszine-2,4,6(1H,3H,5H)-trione, 2,2'\(\frac{1}{1}\), 3,5-triszine-2,4,6(1H,3H,5H)-trione, 2,2'\(\frac{1}{1}\), 3,5-triszine-2,5,5'\(\frac{1}\), 3,5-triszine-2,5'\(\frac{1}\), 3,5-trisz	52315-07-8	Cypermethrin			IRIS; WA Appen1	Pesticide, pharmaceutical	
3.3-5-tragaza-e/d-(3-18,18)-tritone   1.3-5-tragaza-e/d-(3-18,18)-tritone   2.2-(1.3,4-coxadiazole-2,5-diy) bis[1-amino-september   2.3-(1.3,4-coxadiazole-2,5-diy) bis[1-amino-september   2.3-(1.4,4-coxadiazole-2,5-diy) bis[1-amino-september   2.3-(1.4,4-coxadiazole-2,2-diy) bis[1-amino-september   2.3-(1.4,4-coxadiazole-2,2-div) bis[1-amino-september   2.3-(1.4			system		NASina (OCDAD Chaminala of	Flores retendent	
3,3,5-frick]-3-dipromoproyl)-	F2424 00 0	1,3,5-triazine-2,4,6(1H,3H,5H)-trione,		v	· ·	Fiame retardant	
\$2591-25-0   \$3.0-Anthracenedione, 2,2'-(1,4,4-1)   \$2.645-53-1   Permethrin   \$2.663-72-6   \$2.3',4,4',5,5'-Hexachlorobiphenyl   \$2.663-72-6   \$2.3',4,4',5,5'-Hexachlorobiphenyl   \$2.663-72-6   \$2.3',4,4',5,5'-Hexachlorobiphenyl   \$2.671-38-2   \$3.0-Anthracenedione, 2,2'-(1,4-1)   \$3.0-Anthracenedione,	52454-90-9	1,3,5-tris(2,3-dibromopropyl)-		X	Concern); WA Appen1		
Sacial Carlo   Saci		9.10-Anthracenediane 2.21-(1.3.4-			Maine (Canada PBiT); WA Appen1		
S2645-53-1   Permethrin	52591-25-0			X			
Maine (EPA Final PBT Rule for TR);   PCB		Oxadiazoie-2,5-diyi)bis[1-aiiiiio-					
\$2663-72-6 2,3',4,4',5,5'-Hexachlorobiphenyl	52645-53-1	Permethrin	Liver				
9,10-Anthracenedione, 2,2'-[1,4- phenylenebis(1, 3,4-oxadiazole-5,2- diyl)]bis[1-amino- Acetamide, N-[2-(12-bromo-4,6- dinitrophenyl) azo]-5- (diethylamino)phenyl]-  2-anthracenearboxamide, 1-amino- N-(3-bromo-9,10-dihydro-9,10-dioxo- 2-anthraceneyl)-9,10-dihydro-9,10-dioxo- 2-anthraceneyl)-9,10-dihydro-9,10-dioxo- 2-anthraceneyl)-9,10-dihydro-9,10-dioxo- 2-anthraceneyl)-9,10-dihydro-9,10-dioxo- 32918-63-5  Deltamethrin  Phosphorous acid, (1- methylethylidene)di-4,1-phenylene tetrakis[(3-ethyl-3-oxetanyl)methyl] ester  Poevelopment, Reproduction  Maine (CA Prop 65); WA Appen1  Maine (CA Prop 65); WA Appen1  Pesticide  Pesticide  Pesticide  Pesticide  Pesticide  Pesticide  Periority List); WA Appen1  Maine (CA Prop 65); WA Appen1  Pesticide  Pesticide  Pesticide  Bromacil lithium salt  Development, Reproduction  Maine (CA Prop 65); WA Appen1  Pesticide  PCB  PCB Aroclor 1242  Endocrine system  EU Category 1 Endocrine disruptor PCB congener  Maine (OSPAR Chemicals of PCB					1	PCB	
9,10-Anthracenedione, 2,2"-{1,4-phenylenebis(1, 3,4-oxadiazole-5,2-diyl)]bis[1-amino-Acetamide, N-[2-[(2-bromo-4,6-dinitrophenyl) azo]-5-(diethylamino)phenyl]- 2-anthracenecarboxamide, 1-amino-N-(3-bromo-9,10-dihydro-9,10-dioxo-2-anthracenyl)-9,10-dihydro-9,10-dioxo-2-anthracenyl)-9,10-dihydro-9,10-dioxo-2-anthracenyl)-9,10-dihydro-9,10-dioxo-2-anthracenyl)-9,10-dihydro-9,10-dioxo-2-anthracenyl)-9,10-dihydro-9,10-dioxo-2-anthracenyl)-9,10-dihydro-9,10-dioxo-2-anthracenyl)-9,10-dihydro-9,10-dioxo-3	52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl		X			
52671-38-2 phenylenebis(1, 3,4-oxadiazole-5,2-diyl))bis(1-amino-decorated process) phenylenebis(1, 3,4-oxadiazole-5,2-diyl) phenylenebis(1, 3,4-oxadiazole-							
diyl) bis[1-amino-   Acetamide, N- 2-([2-bromo-4,6-dinitrophenyl) azo]-5-   X   Maine (Canada PBiT); WA Appen1   Dye					Maine (Canada PBiT); WA Appen1		
Acetamide, N-[2-{(2-bromo-4,6-dinitrophenyl) azo]-5-(diethylamino)phenyl]- 2-anthracenecarboxamide, 1-amino-N-(3-bromo-9,10-dihydro-9,10-dioxo-2-anthracenyl)-9,10-dihydro-9,10-dioxo-2-anthracenyl)-9,10-dihydro-9,10-dioxo-2-anthracenyl)-9,10-dihydro-9,10-dioxo-2-anthracenyl)-9,10-dihydro-9,10-dioxo-2-anthracenyl)-9,10-dihydro-9,10-dioxo-2-anthracenyl)-9,10-dihydro-9,10-dioxo-2-anthracenyl)-9,10-dihydro-9,10-dioxo-2-anthracenyl)-9,10-dihydro-9,10-dioxo-2-anthracenyl)-9,10-dihydro-9,10-dioxo-3-dioxo-	52671-38-2			Х			
Section of the property of t					144 · (C   1   1   1   1   1   1   1   1   1	D	
(diethylamino)phenyl]- 2-anthracenecarboxamide, 1-amino- N-(3-bromo-9,10-dihydro-9,10-dioxo- 2-anthracenyl)-9,10-dihydro-9,10-dioxo- 2-anthracenyl)-9,10-dihydro-9,10-dioxo- 2-anthracenyl)-9,10-dihydro-9,10-dioxo- 32918-63-5  Deltamethrin  Phosphorous acid, (1- methylethylidene)di-4,1-phenylene tetrakis[(3-ethyl-3-oxetanyl)methyl] ester  Development, Reproduction  Bromacil lithium salt  Development, Reproduction  Maine (CA Prop 65); WA Appen1  Maine (CA Prop 65); WA Appen1  PCB  Maine (Euc Endocrine Disruptor Pasticide  Maine (CA Prop 65); WA Appen1  Maine (CA Prop 65); WA Appen1  PCB  S3404-19-6  Maine (Euc Endocrine Disruptor Priority List); WA Appen1  PCB  S449-21-9  PCB Aroclor 1242  Endocrine system  Euc Category 1 Endocrine disruptor PCB congener  Maine (OSPAR Chemicals of PCB  Maine (CA Prop 65); WA Appen1  PCB  Maine (CA Prop 65); WA Appen1  PCB  Maine (Euc Endocrine Disruptor Priority List); WA Appen1	52607.20.0				Maine (Canada PBIT); WA Appen1	Dye	
2-anthracenecarboxamide, 1-amino-N-(3-bromo-9,10-dihydro-9,10-dioxo-2-anthracenyl)-9,10-dihydro-9,10-dioxo-2-anthracenyl)-9,10-dihydro-9,10-dioxo-3-anthracenyl)-9,10-dihydro-9,10-dioxo-3-anthracenyl)-9,10-dihydro-9,10-dioxo-3-anthracenyl)-9,10-dihydro-9,10-dioxo-3-anthracenyl)-9,10-dihydro-9,10-dioxo-3-anthracenyl)-9,10-dihydro-9,10-dioxo-3-anthracenyl)-9,10-dihydro-9,10-dioxo-3-anthracenyl)-9,10-dihydro-9,10-dioxo-3-anthracenyl)-9,10-dihydro-9,10-dioxo-3-anthracenyl)-9,10-dihydro-9,10-dioxo-3-anthracenyl-9,10-dihydro-9,10-dioxo-3-anthracenyl-9,10-dihydro-9,10-dioxo-3-anthracenyl-9,10-dihydro-9,10-dioxo-3-anthracenyl-9,10-dihydro-9,10-dioxo-3-anthracenyl-9,10-dioxo-3-anthracenyl-9,10-dioxo-3-anthracenyl-9,10-dioxo-3-anthracenyl-9,10-dioxo-3-anthracenyl-9,10-dihydro-9,10-dioxo-3-anthracenyl-9,10-dioxo-3-anthracenyl-9,10-dihydro-9,10-dioxo-3-anthracenyl-9,10-di	52697-38-8	1 '''		Х			
52740-90-6  N-(3-bromo-9,10-dihydro-9,10-dihydro-9,10-dioxo-2-anthracenyl)-9,10-dihydro-9,10-dioxo-  Deltamethrin  X  Maine (EuC Endocrine Disruptor Priority List); WA Appen1; Oregon P3 List  Maine (Canada PBiT); WA Appen1  Maine (Canada PBiT); WA Appen1  Maine (Canada PBiT); WA Appen1  Salva-75-1  Bromacil lithium salt  Development, Reproduction  Development, Reproduction  Maine (EuC Endocrine Disruptor Pesticide  Maine (CA Prop 65); WA Appen1  Pesticide  Maine (CA Prop 65); WA Appen1  PCB  Bromacil lithium salt  Endocrine system  Eu Category 1 Endocrine disruptor  PCB congener  Table 1  A Maine (COPPAR Chemicals of PCB					Maine (OSPAR Chemicals of	Digment	
2-anthracenyl)-9,10-dihydro-9,10-dioxo-  Deltamethrin  X  Maine (EuC Endocrine Disruptor Priority List); WA Appen1; Oregon P3 List  Maine (Canada PBiT); WA Appen1  Maine (Canada PBiT); WA Appen1  Maine (CA Prop 65); WA Appen1  Pesticide  Development, Reproduction  Maine (CA Prop 65); WA Appen1  Pesticide  Maine (CA Prop 65); WA Appen1  Pesticide  Maine (CA Prop 65); WA Appen1  Pesticide  Maine (EuC Endocrine Disruptor Priority List); WA Appen1  PCB  S3469-21-9  PCB Aroclor 1242  Endocrine system  Eu Category 1 Endocrine disruptor  PCB congener  Maine (OSPAR Chemicals of PCB					1	i igiliciit	
dioxo-  52918-63-5  Deltamethrin  Phosphorous acid, (1- methylethylidene)di-4,1-phenylene tetrakis[(3-ethyl-3-oxetanyl)methyl] ester  53404-19-6  Bromacil lithium salt  Development, Reproduction  Maine (CA Prop 65); WA Appen1  Maine (CA Prop 65); WA Appen1  Pesticide  Maine (CA Prop 65); WA Appen1  Pesticide  Maine (CA Prop 65); WA Appen1  Pesticide  Maine (EuC Endocrine Disruptor Priority List); WA Appen1  Eu Category 1 Endocrine disruptor PCB congener  3,4',5-Trichlorobiphenyl  Endocrine system  Maine (OSPAR Chemicals of PCB	52740-90-6			X	Concerny, WA Appens		
Maine (EuC Endocrine Disruptor Priority List); WA Appen1; Oregon P3 List							
52918-63-5 Deltamethrin x Priority List); WA Appen1; Oregon P3 List  Phosphorous acid, (1- methylethylidene)di-4,1-phenylene tetrakis[(3-ethyl-3-oxetanyl)methyl] ester  53404-19-6 Bromacil lithium salt Development, Reproduction Maine (CA Prop 65); WA Appen1 Pesticide  53469-21-9 PCB Aroclor 1242 Endocrine system Priority List); WA Appen1  EU Category 1 Endocrine disruptor PCB congener  53742-07-7 11'-biphenyl, popachloro-  Maine (OSPAR Chemicals of PCB					Maine (EuC Endocrine Disruptor	Pesticide	
P3 List  Phosphorous acid, (1- methylethylidene)di-4,1-phenylene tetrakis[(3-ethyl-3-oxetanyl)methyl] ester  53404-19-6  Bromacil lithium salt  Development, Reproduction  Maine (CA Prop 65); WA Appen1  Pesticide  Maine (EuC Endocrine Disruptor Priority List); WA Appen1  EU Category 1 Endocrine disruptor PCB congener  53742-07-7  1 1'-biphenyl popachloro-  Maine (OSPAR Chemicals of PCB	52918-63-5	Deltamethrin		X	· ·		
methylethylidene)di-4,1-phenylene tetrakis[(3-ethyl-3-oxetanyl)methyl]							
tetrakis[(3-ethyl-3-oxetanyl)methyl] ester  53404-19-6 Bromacil lithium salt Development, Reproduction Maine (CA Prop 65); WA Appen1 Pesticide  53469-21-9 PCB Aroclor 1242 Endocrine system Priority List); WA Appen1  53555-66-1 3,4',5-Trichlorobiphenyl Endocrine system Eudocrine system Eudocrine disruptor PCB congener  53742-07-7 1.1'-biphenyl, nonachloro-		Phosphorous acid, (1-			Maine (Canada PBiT); WA Appen1		
tetrakis[(3-ethyl-3-oxetanyl)methyl] ester  53404-19-6  Bromacil lithium salt  Development, Reproduction  Maine (CA Prop 65); WA Appen1  Pesticide  Maine (EuC Endocrine Disruptor Priority List); WA Appen1  EuC Category 1 Endocrine disruptor  PCB congener  S3742-07-7  1.1'-biphenyl, ponachloro-  Maine (OSPAR Chemicals of PCB	F2104 7F 1	methylethylidene)di-4,1-phenylene		v			
Bromacil lithium salt  Development, Reproduction  Maine (CA Prop 65); WA Appen1  Pesticide  Maine (EuC Endocrine Disruptor Priority List); WA Appen1  Eu Category 1 Endocrine disruptor  S3742-07-7  1.1'-biphenyl, ponachloro-  Maine (OSPAR Chemicals of PCB	53184-75-1	tetrakis[(3-ethyl-3-oxetanyl)methyl]		Х			
S3404-19-6 Bromacil lithium salt Reproduction  Maine (EuC Endocrine Disruptor PCB  Priority List); WA Appen1  Eu Category 1 Endocrine disruptor PCB congener  Maine (OSPAR Chemicals of PCB		ester					
Reproduction  Maine (EuC Endocrine Disruptor PCB  Endocrine system  Eu Category 1 Endocrine disruptor  S3742-07-7  1.1'-biphenyl, ponachloro-  Reproduction  Maine (EuC Endocrine Disruptor PCB  Endocrine system  Eu Category 1 Endocrine disruptor  Maine (OSPAR Chemicals of PCB	53404-19-6	Bromacil lithium salt	Development,		Maine (CA Prop 65); WA Appen1	Pesticide	
53469-21-9 PCB Aroclor 1242 Endocrine system Priority List); WA Appen1  53555-66-1 3,4',5-Trichlorobiphenyl Endocrine system Eu Category 1 Endocrine disruptor PCB congener  53742-07-7 1.1'-biphenyl nonachloro-	33.07.13.0	2. C. Iden Intiliani Sait	Reproduction				
53555-66-1 3,4',5-Trichlorobiphenyl Endocrine system  EU Category 1 Endocrine disruptor PCB congener  Maine (OSPAR Chemicals of PCB					· ·	PCB	
53555-66-1 3,4',5-Trichlorobiphenyl Endocrine system  Maine (OSPAR Chemicals of PCB	53469-21-9	PCB Aroclor 1242	Endocrine system		Priority List); WA Appen1		
53555-66-1 3,4',5-Trichlorobiphenyl Endocrine system  Maine (OSPAR Chemicals of PCB					FILCoharam 4 Fudanina di	DCD	
153742-07-7   1.1'-hiphenyl, nonachloro-	53555-66-1	3,4',5-Trichlorobiphenyl	Endocrine system		EU Category 1 Endocrine disruptor	PCB congener	
153742-07-7   1.1'-hiphenyl, nonachloro-					Maine (OSPAR Chemicals of	PCB	
	53742-07-7	1,1'-biphenyl, nonachloro-		x	'		



			Persistent,	1		
			Bioaccumulative,			
			,			
			Toxic (PBT) or very			High Production
C0.0			Persistent, very		1-1-1-1-1-1	Volume (HPV)
CAS	61 1 1 1 1		Bioaccumulative	()	Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
				Maine (EuC Endocrine Disruptor	PCB	
53905-33-2	4-Hydroxy-2,2',5'-trichlorobiphenyl	Endocrine system		Priority List); WA Appen1		
	Propanedinitrile, [[4-[[2-(4-			Maine (Canada PBiT); WA Appen1	Dye	
	cyclohexylphenoxy)					
54079-53-7	ethyl]ethylamino]-2-		Х			
	methylphenyl]methylene]- (Disperse Yellow 201)					
	Propanedinitrile, [[4-[[2-(2-			Maine (Canada PBiT); WA Appen1		
54079-60-6	cyclohexylphenoxy)		x			
340,3 00 0	ethyl]ethylamino]-2-		^			
	methylphenyl]methylene]-			AA : - (C		
E 42 42 CO C	9,10-Anthracenedione, 1-amino-4-			Maine (Canada PBiT); WA Appen1		
54243-60-6	hydroxy-2-(4-methoxyphenoxy)-		х			
				Maine (EuC Endocrine Disruptor	РСВ	
54991-93-4	Clophen A30	Endocrine system		Priority List); WA Appen1		
	Acetamide, N-[2-[(2-cyano-6-iodo-4-			Maine (Canada PBiT); WA Appen1		
55252-53-4	nitrophenyl) azo]-5-		х			
	(diethylamino)phenyl]-					
	Propanenitrile, 3-[[4-[(2,6-dibromo-4-			Maine (Canada PBiT); WA Appen1	Dye	
55281-26-0	nitrophenyl) azo]phenyl]ethylamino]-		x			
	(Disperse Orange 61)					
FF20F 14 0	Carbosulfan	Dody weight		IRIS; WA Appen1	Pesticide (EPA reg.	
55285-14-8	Carbosulian	Body weight			cancelled)	
				Maine (OSPAR Chemicals of		
55525-54-7	3,3'-(ureylenedimethylene)bis(3,5,5-		х	Concern; OSPAR Chemicals for		
33323 34 7	trimethylcyclohexyl) diisocyanate		^	Priority Action); WA Appen1		
55673-89-7	1,2,3,4,7,8,9-		х	Maine (EPA Final PBT Rule for TRI;	Furan	
33073-63-7	Heptachlorodibenzofuran		X	WA PBT List); WA Appen1		
				Maine (EuC Endocrine Disruptor	PCB	
55702-46-0	PCB 21 (2,3,4-Trichlorobiphenyl)	Endocrine system		Priority List); WA Appen1		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
	trans-2-	, , , ,	Ì	Maine (CA Prop 65); WA Appen1		
55720 54 0	[(Dimethylamino)methylimino]-5-[2-					
55738-54-0	(5-nitro-2-furyl)vinyl]-1,3,4-	Cancer	х			
	oxadiazole					
	Benzenediazonium, 2-methoxy-4-			Maine (Canada PBiT); WA Appen1	Dye	
56307-70-1	nitro-, salt with		х			
	naphthalenedisulfonic acid (2:1)					
56425-91-3	Flurprimidol	Liver, Reproduction		IRIS; WA Appen1	Pesticide	
	Acetamide, N-[2-[(2,6-dicyano-4-			Maine (Canada PBiT); WA Appen1		
56532-53-7	nitrophenyl) azo]-5-		X			
	(dipropylamino)phenyl]-					
56558-16-8	PCB 104 (2,2',4,6,6'-	Endocrine system		Maine (EuC Endocrine Disruptor		
30338-10-8	Pentachlorobiphenyl)	Liluociille systeili		Priority List)		
				Maine (EuC Endocrine Disruptor	Metabolite of	
56614-97-2	3,9-Dihydroxybenz(a)anthracene	Endocrine system		Priority List); WA Appen1	benz(a)anthracene	
57018-52-7	Propylene glycol mono-t-butyl ether	Cancer		Maine (CA Prop 65); WA Appen1	Solvent	
	1,7 - 2,7 - 2 - 2 - 2 - 2 - 2 - 2					
				ECHA Substances of Very High	used in polymers,	
57110-29-9	Hexahydro-3-methylphthalic	Systemic		Concern	plasticzers, epoxy resin	
	anhydride	•			hardener; chemical	
					intermediate	
				Maine (EuC Endocrine Disruptor	Furan	
57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	Endocrine system	х	Priority List; EPA Final PBT Rule for		
				TRI; WA PBT List); WA Appen1		
				Maine (FDA Final DDT Dule for TDI	F	
57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran		х	Maine (EPA Final PBT Rule for TRI;	Furan	
				WA PBT List); WA Appen1	Furan	
57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran		х	Maine (EPA Final PBT Rule for TRI;	ruidii	
				WA PBT List); WA Appen1 Maine (EuC Endocrine Disruptor	PCB	
				Priority List; EPA Final PBT Rule for	PCD	
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl	Endocrine system	х	TRI); WA Appen1; Oregon P3 List		
				TKIJ, WA Appelli, Oregoli P3 List		
				OECD - SIDS/SIAR	Production of films, sheets,	
57583-35-4	Dimethyltin bis[2-ethylhexyl	Skin		0200 3103/31AIX	injection moldings	x
3,303,33,4	thioglycolate] [DMT(EHTG)]	JKIII			jestion moidings	^
		Blood chemistry,		IRIS; WA Appen1	Pesticide	
57837-19-1	Metalaxyl	Organ weights		,		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
	Anthra[9,1,2-			Maine (Canada PBiT); WA Appen1		
58019-27-5	cde]benzo[rst]pentaphene-5,10-dione, diamino-		x			
50120 00 2	oxirane, 2-(3,5-dichlorophenyl)-2-			Maine (OSPAR Chemicals of	Pesticide (EPA reg.	
58138-08-2	(2,2,2-trichloroethyl)-		х	Concern); WA Appen1	cancelled)	
	Banzaia acid 4 [1 [[/2 4			Maine (Canada PBiT); WA Appen1	Photographic / photocopier	
58161-93-6	Benzoic acid, 4-[1-[[(2,4-dichlorophenyl) amino]carbonyl]-3,3-		v			
20101-32-0	dimethyl-2-oxobutoxy]-		X			
	diffethyl-2-oxobutoxyj-					
	2-propenoic acid,			Maine (OSPAR Chemicals of		
59447-55-1	(pentabromophenyl)methyl ester	 	x	Concern; OSPAR Chemicals for		
				Priority Action); WA Appen1		
	2-Naphthalenecarboxamide, 4-[[5-			Maine (Canada PBiT); WA Appen1	Pigment	
	[[[4-(aminocarbonyl)					
59487-23-9	phenyl]amino]carbonyl]-2-		x			
33 .3,	methoxyphenyl]azo]-N-(5 -chloro-2,4-					
	dimethoxyphenyl)-3-hydroxy-					
	(Pigment Red 187)					
59536-65-1	Hexabromobiphenyl		x	Maine (WA PBT List); WA Appen1	Flame retardant	
				Maine (Canada PBiT); WA Appen1		
	Carbamic acid, (3,4-dichlorophenyl)-,					
59583-77-6	2-[butyl[4-(2,2-dicyanoethenyl) -3-		x			
	methylphenyl]amino]ethyl ester					
59653-74-6	beta-Triglycidyl isocyanurate (β-TGIC)	Mutagenic		ECHA Substances of Very High	curing agent in polyester	
33033-74-0	beta-riigiycidyi isocyanurate (p. roic)	(Genotoxic)		Concern	powder paints	
59669-26-0	Thiodicarb	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
	Pyridinium, 1-[2-[[4-[(2-chloro-4-			Maine (Canada PBiT); WA Appen1		
50700 10 2	nitrophenyl)					
59709-10-3	azo]phenyl]ethylamino]ethyl]-,		x			
	acetate					
		Body weight, Eyes,		IRIS; WA Appen1	Pesticide	
59756-60-4	Fluridone	Organ weight,				
		Reproduction				
60153-49-3	3-(N-Nitrosomethylamino)	Cancer		Maine (CA Prop 65); WA Appen1		
00155-49-5	propionitrile	Cancer				



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
						High Production
			Persistent, very		=	Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
60168-88-9	Fenarimol	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	Pesticide	
60207-90-1	Propiconazole	Eyes, Gastrointestinal system		IRIS; WA Appen1	Pesticide, wood preservation	
60348-60-9	PBDE-099 [2,2',4,4',5- Pentabromodiphenyl ether]		х	WA Appen1; Oregon P3 List	Flame retardant	
60391-92-6	N-Carboxymethyl-N-nitrosourea	Cancer		Maine (CA Prop 65); WA Appen1	Reaction of glycocyamine	
60568-05-0	Furmecyclox	Cancer		Maine (CA Prop 65; IRIS); WA Appen1	Pesticide (not EPA registered)	
					Furan	
60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran		х	WA PBT List); WA Appen1		
61788-32-7	Terphenyl, hydrogenated		х	ECHA Substances of Very High Conc	-	
					processes	
61788-33-8	terphenyl, chlorinated		x	Maine (OSPAR Chemicals of Concern); WA Appen1	In pesticides	
61788-76-9	Alkanes, chloro		х	Maine (Canada PBiT); WA Appen1	Lubricants and coolants in metals	
62229-08-7	Sulfurous acid, lead salt, dibasic	Reproduction		ECHA Substances of Very High	polymers and coating	
02229-08-7	Sulfutous aciu, leau sait, dibasic	Reproduction		Concern	products	
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	
62476-59-9	Acifluorfen sodium	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
62625-32-5	Phenol, 4,4'-(3H-1,2-benzoxathiol- 3-ylidene)bis[2,6-dibromo-3-methyl-, S,S-dioxide, monosodium salt		х	Maine (Canada PBiT)I WA Appen1	Dye	
63133-84-6	1(2H)-Quinolineethanol, 6-[(2-chloro-4,6-dinitrophenyl) azo]-3,4-dihydro-2,2,4,7-tetramethyl-		х	Maine (Canada PBiT); WA Appen1		



			Persistent,			
			Bioaccumulative,			
			,			
			Toxic (PBT) or very			High Production
			Persistent, very			Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
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	
63449-39-8	paraffin waxes and hydrocarbon		X	Maine (OSPAR Chemicals of Concern; Canada PBiT); WA	Flame retardant	x
00 1 10 00 0	waxes, chlorinated			Appen1		, ,
	4(01) 0 1 1			Maine (Canada PBiT); WA Appen1		
63467-15-2	1(2H)-Quinolinepropanamide, 6-(2,2-dicyanoethenyl)-3, 4-dihydro-2,2,4,7-tetramethyl-N-phenyl-		x			
63467-19-6	Propanedinitrile, [[1,2,3,4-tetrahydro-2,2, 4-trimethyl-1-[2- [[(phenylamino)carbonyl]oxy]ethyl ]-6-quinolinyl]methylene]-		х	Maine (Canada PBiT); WA Appen1		
64086-95-9	9,10-Anthracenedione, 1-amino-2-bromo-4-[[4-[(1- methylethyl)amino]-6-phenyl-1,3,5-triazin-2-yl]amino]-		х	Maine (Canada PBiT); WA Appen1	Dye	
64086-96-0	9,10-Anthracenedione, 2-acetyl-1-amino-4-[[4-[( 1-methylethyl)amino]-6-phenyl-1,3,5-triazin-2-yl]amino ]-		x	Maine (Canada PBiT); WA Appen1		
64091-91-4	4-(N-Nitrosomethylamino)-1-(3- pyridyl)1-butanone	Cancer		Maine (CA Prop 65; IARC; NTP 11th ROC); WA Appen1	Tobacco smoke	
64111-81-5	Triclosan		х	Maine (Canada PBiT); WA Appen1	Antimicrobial	
64131-85-7	phosphorothioic acid, O,O,O-tris(4-nitrophenyl) ester		х	Maine (OSPAR Chemicals of Concern); WA Appen1		
64325-78-6	Adenosine, N-benzoyl-5'-O-[bis(4-methoxyphenyl) phenylmethyl]-2'-deoxy-		x	Maine (Canada PBiT); WA Appen1		
64338-16-5	7-Oxa-3,20-diazadispiro[5.1.11.2] heneicosan-21-one, 2,2,4,4- tetramethyl-		х	Maine (Canada PBiT); WA Appen1	Paint/coating additives, photosensitive, plastics	
64365-17-9	Resin acids and Rosin acids, hydrogenated, esters with pentaerythritol		×	Maine (Canada PBiT); WA Appen1	Adhesives	х



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
64741-42-0	Naphtha (petroleum), full-range straight-run		х	Maine (Canada PBiT); WA Appen1		х
64741-47-5	Natural gas condensates (petroleum)		х	Maine (Canada PBiT); WA Appen1		х
	Distillates (petroleum), light			Maine (EU Carcinogen)		
64741-50-0	paraffinic, Unrefined or mildly refined baseoil	Cancer				х
	Distillates (petroleum), heavy			Maine (EU Carcinogen)		
64741-51-1	paraffinic, Unrefined or mildly refined baseoil	Cancer				х
	Distillates (petroleum), light			Maine (EU Carcinogen)		
64741-52-2	naphthenic, Unrefined or mildly refined baseoil	Cancer				х
	Distillates (petroleum), heavy			Maine (EU Carcinogen)		
64741-53-3	naphthenic, Unrefined or mildly refined baseoil	Cancer				х
64741-58-8	Gas oils (petroleum), light vacuum		х	Maine (Canada PBiT); WA Appen1		х
64741-61-3	Distillates (petroleum), heavy catalytic cracked		х	Maine (Canada PBiT); WA Appen1		х
64741-67-9	Residues (petroleum), catalytic reformer fractionator		х	Maine (Canada PBiT); WA Appen1		х
64741-78-2	Naphtha (petroleum), heavy hydrocracked		х	Maine (Canada PBiT); WA Appen1		х
64741-81-7	Distillates (petroleum), heavy thermal cracked		х	Maine (Canada PBiT); WA Appen1		х
64741-83-9	Naphtha (petroleum), heavy thermal cracked		х	Maine (Canada PBiT); WA Appen1		х
64741-85-1	Raffinates (petroleum), sorption process		х	Maine (Canada PBiT); WA Appen1		х
64741-87-3	Naphtha (petroleum), sweetened		х	Maine (Canada PBiT); WA Appen1		х
64742-18-3	Distillates (petroleum), acid-treated heavy naphthenic, Unrefined or mildly refined baseoil	Cancer		Maine (EU Carcinogen)		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
						High Production
			Persistent, very			Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
64742-19-4	Distillates (petroleum), acid-treated light naphthenic, Unrefined or mildly refined baseoil	Cancer		Maine (EU Carcinogen)		
64742-20-7	Distillates (petroleum), acid-treated heavy paraffinic, Unrefined or mildly refined baseoil	Cancer		Maine (EU Carcinogen)		
64742-21-8	Distillates (petroleum), acid-treated light paraffinic, Unrefined or mildly refined baseoil	Cancer		Maine (EU Carcinogen)		
64742-22-9	Naphtha (petroleum), chemically neutralized heavy		х	Maine (Canada PBiT); WA Appen1		x
64742-27-4	Distillates (petroleum), chemically neutralized heavy paraffinic, Unrefined or mildly refined baseoil	Cancer		Maine (EU Carcinogen)		
64742-28-5	Distillates (petroleum), chemically neutralized light paraffinic, Unrefined or mildly refined baseoil	Cancer		Maine (EU Carcinogen)		
64742-34-3	Distillates (petroleum), chemically neutralized heavy naphthenic, Unrefined or mildly refined baseoil	Cancer		Maine (EU Carcinogen)		
64742-35-4	Distillates (petroleum), chemically neutralized light naphthenic, Unrefined or mildly refined baseoil	Cancer		Maine (EU Carcinogen)		
64742-48-9	Naphtha (petroleum), hydrotreated heavy		х	Maine (Canada PBiT); WA Appen1		х
64742-59-2	Gas oils (petroleum), hydrotreated vacuum		х	Maine (Canada PBiT); WA Appen1		х
64742-66-1	Naphtha (petroleum), catalytic dewaxed		х	Maine (Canada PBiT); WA Appen1		
64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy		х	Maine (Canada PBiT); WA Appen1		х



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
			Persistent, very			_
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
64742-87-6	Gas oils (petroleum), hydrodesulfurized light vacuum		x	Maine (Canada PBiT); WA Appen1		х
64742-90-1	Residues (petroleum), steam-cracked		x	Maine (Canada PBiT); WA Appen1		х
65140-91-2	Phosphonic acid, [[3,5-bis(1,1-dimethylethyl) -4-hydroxyphenyl]methyl]-, monoethyl ester, calcium salt (2:1)		х	Maine (Canada PBiT); WA Appen1		
65148-72-3	4-MeO-o,p'-DDT	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	DDT metabolite	
65148-73-4	5-OH-o,p'-DDT	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	DDT metabolite	
65148-74-5	5-MeO-o,p'-DDT	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	DDT metabolite	
65148-75-6	5-MeO-o,p'-DDD	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	DDT metabolite	
65148-80-3	3-MeO-o,p'-DDE	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	DDT metabolite	
65148-81-4	4-MeO-o,p'-DDE	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	DDT metabolite	
65148-82-5	5-MeO-o,p'-DDE	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1	DDT metabolite	
65148-83-6	o,p'-DDA-glycinat = N-[(2- chlorophenyl)(4- chlorophenyl)acettyl]glycin	Endocrine system		Maine (EuC Endocrine Disruptor Priority List); WA Appen1		
65294-17-9	methylium, tris[4- (dimethylamino)phenyl]-, salt with 3- [[4- (phenylamino)phenyl]azo]benzenesul fonic acid (1:1)		х	Maine (OSPAR Chemicals of Concern); WA Appen1	link	



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
				Maine (EPA Final PBT Rule for TRI);	PCB	
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl		х	WA Appen1; Oregon P3 List		
	benzene, 1-[2-(2-			Maine (OSPAR Chemicals of		
65925-28-2	chloroethoxy)ethoxy]-4-(1,1,3,3- tetramethylbutyl)-		х	Concern); WA Appen1		
65996-89-6	Coal tar Tar coal high tamp	Cancar		Maine (EU Carcinogen; NTP 11th		,
65996-89-6	Coal tar, Tar, coal, high-temp.	Cancer		ROC)		Х
65996-90-9	Coal oil, Tar, coal, low-temp.	Cancer		Maine (EU Carcinogen)		
				Maine (IARC; NTP 11th ROC; EU	Coal tar, shampoo,	
65996-93-2	Pitch, coal tar, hightemp.	Cancer	x	PBT List) ECHA Substances of Very	pharmaceutical	x
03330-33-2	ricen, coartar, mgmemp.	Cancer	^	High Concern; WA Appen1		^
65007.06.0	Danie budua assata d			Maine (Canada PBiT); WA Appen1	Colorant, adhesive, solvent,	
65997-06-0	Rosin, hydrogenated		х		plastics	х
65997-13-9	Resin acids and Rosin acids, hydrogenated, esters with glycerol		x	Maine (Canada PBiT); WA Appen1	Adhesive, paint, sealant	х
66215-27-8	Cyromazine	Blood		IRIS; WA Appen1	Pesticide	
66230-04-4	Esfenvalerate		х	Oregon P3 List	Pesticide, pyrethroid	
66332-96-5	Flutolanil	Development		IRIS; WA Appen1	Pesticide	
		·		Maine (CA Prop 65); WA Appen1	Pesticide (EPA reg.	
66441-23-4	Fenoxaprop ethyl	Development			cancelled)	
66722 24 0	Frienite /   / A 25:704.0\2.4.412.0\\	6		Maine (CA Prop 65; IARC; NTP 11th		
66733-21-9	Erionite (cakna (Al2Si7O18)2.14H2O))	Cancer		ROC); WA Appen1		
66841-25-6	Tralomethrin	Body weight		IRIS; WA Appen1	Pesticide	
67124-09-8	2-propanol, 1-(tert-dodecylthio)-		x	Maine (OSPAR Chemicals of	Alcohol	
07124-03-0	2-propanol, 1-(tert-dodecynno)-		^	Concern); WA Appen1		
	Cytidine, N-benzoyl-5'-O-[bis(4-			Maine (Canada PBiT); WA Appen1	Nucleoside	
67219-55-0	methoxyphenyl) phenylmethyl]-2'-		Х			
	deoxy-					
67485-29-4	hydramethylnon	Development,	х	Maine (OSPAR Chemicals of	Pesticide	
	1224670	Reproduction		Concern); WA Appen1	F	
67562-39-4	1,2,3,4,6,7,8- Heptachlorodibenzofuran		x	Maine (EPA Final PBT Rule for TRI; WA PBT List); WA Appen1	Furan	
	4-Hydroxy-2',3',4',5'-			Maine (EuC Endocrine Disruptor	PCB	
67651-34-7	tetrachlorobiphenyl	Endocrine system		Priority List); WA Appen1		
	cett detor obiprierry:					



			Persistent.			
			Bioaccumulative.			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Hoolth Endnoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
Number	Chemical Name	Health Endpoint(s)	(VPVD)	Maine (EuC Endocrine Disruptor	PCB	Chemical
67651-37-0	3-Hydroxy-2',3',4',5'- tetrachlorobiphenyl	Endocrine system		Priority List); WA Appen1	РСВ	
67701-37-5	Stannane, [(2-octyl-1,4-dioxo-1,4-		.,	Maine (Canada PBiT); WA Appen1		
0//01-3/-3	butanediyl) bis(oxy)]bis[tributyl-		х			
67733-57-7	2,3,7,8-tetrabromodibenzofuran [Polybrominated furans]		х	Maine (WA PBT List); WA Appen1	Furan	
67747-09-5	Prochloraz		х	WA Appen1; Oregon P3 List	Pesticide (not EPA registered)	
67940-02-7	1-Heptanesulfonamide, N-[3- (dimethylamino)propyl] - 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7- pentadecafluoro- , monohydrochloride		х	Maine (Canada PBiT); WA Appen1	PFC	
67969-69-1	1-octanesulfonamide, N-ethyl- 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- heptadecafluoro-N-[2- (phosphonooxy)ethyl]-, diammonium salt		х	Maine (OSPAR Chemicals of Concern; Canada PBiT); WA Appen1	PFC	
68006-83-7	Me-A-alpha-C (2-Amino-3-methyl-9H-pyrido[2,3-b]indole)	Cancer		Maine (CA Prop 65); WA Appen1	Formed during cooking	
68015-60-1	benzenesulfonic acid, 2-amino-, (1-methylethylidene)di-4,1-phenylene ester		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Paints, lacquers	
68083-48-7	2-butanone, O-[[[[1,3,3-trimethyl-5- [[[[(1- methylpropylidene)amino]oxy]carbo nyl]amino]cyclohexyl]methyl]amino]c arbonyl]oxime		х	Maine (OSPAR Chemicals of Concern); WA Appen1		
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)	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68131-75-9	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
68214-66-4	Carbamic acid, [2-[(2-chloro-4- nitrophenyl) azo]-5- (diethylamino)phenyl]-, 2- ethoxyethyl ester		х	Maine (Canada PBiT); WA Appen1		
68227-79-2	Benzenesulfonic acid, 2-[[9,10-dihydro-4-[(4-methylphenyl) amino]-9,10-dioxo-1-anthracenyl]amino] -5-methyl-, monoammonium salt		х	Maine (Canada PBiT); WA Appen1		
68259-14-3	1-Heptanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7- pentadecafluoro-N-methyl-		х	Maine (Canada PBiT); WA Appen1	PFC	
68259-15-4	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro- N-methyl-		x	Maine (Canada PBiT); WA Appen1	PFC	
68298-13-5	1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N- methyl-		x	Maine (Canada PBiT); WA Appen1	PFC	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
						High Production
CAS			Persistent, very Bioaccumulative		Use Example(s) and/or	Volume (HPV)
	Chamical Name	Hoolth Fuduciut(s)		Saurac(a)		Chemical <sup>1</sup>
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemicai
68307-98-2	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 the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		
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)		
68308-00-9	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 predominantly in the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68308-01-0	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 through C6.]	Cancer		Maine (EU Carcinogen)		
68308-03-2	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 having carbon numbers predominantly in the range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		
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)		



	1		Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
Number	Chemical Name	nearth Endpoint(s)	(VPVD)	Maine (EU Carcinogen)	Chemical Class	Chemical
	Tail gas (petroleum), gas recovery			Ivianie (Lo carcinogen)		
	plant deethanizer; Petroleum gas; [A					
	complex combination of					
	hydrocarbons from the distillation of					
68308-05-4	products from miscellaneous	Cancer				
	hydrocarbon streams. It consists of					
	hydrocarbons having carbon numbers predominantly in the range					
	of C1 through C4.]					
	or er amough e-t.j					
				Maine (EU Carcinogen)		
	Tail gas (petroleum),					
	hydrodesulfurized distillate and					
	hydrodesulfurized naphtha					
	fractionator, acid-free; Petroleum gas; [A complex combination of					
	hydrocarbons obtained from					
68308-06-5	fractionation of hydrodesulfurized	Cancer				
00300 00 3	naphtha and distillate hydrocarbon	Curicer				
	streams and treated to remove acidic					
	impurities. It consists predominantly					
	of hydrocarbons having carbon					
	numbers predominantly in the range					
	of C1 through C5.]					



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68308-07-6	Tail gas (petroleum), hydrodesulfurized vacuum gas oil stripper, hydrogen sulfide-free; 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)		x
68308-08-7	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 C4.	Cancer		Maine (EU Carcinogen)		x



			Persistent,			
			*			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
			Persistent, very			_
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68308-09-8	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 range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		
68308-10-1	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 the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		
68308-11-2	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 the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		



			Persistent,			
			Bioaccumulative,			
			,			
			Toxic (PBT) or very			High Production
			Persistent, very			Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68308-12-3	Tail gas (petroleum), vacuum gas oil hydrodesulfurizer, hydrogen sulfidefree; 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 range of C1 through C6.]	Cancer		Maine (EU Carcinogen)		
68308-34-9	Shale-oils	Cancer		Maine (CA Prop 65; IARC); WA Appen1	Oil	
68308-48-5	Amines, tallow alkyl, ethoxylated, phosphates		х	Maine (Canada PBiT); WA Appen1	Surfactant in pesticide	
68333-22-2	Residues (petroleum), atmospheric		х	Maine (Canada PBiT); WA Appen1	Petroleum	х
68359-37-5	Baythroid (Cyfluthrin)	Body weight, Kidney		IRIS; WA Appen1	Pesticide	
68391-08-2	Alcohols, C8-14, γ-ω-perfluoro		х	Maine (Canada PBiT); WA Appen1	PFC	
68409-99-4	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 90°F).]	Cancer		Maine (EU Carcinogen)		x
68410-00-4	Distillates (petroleum), crude oil		х	Maine (Canada PBiT); WA Appen1		х
68412-48-6	2-Propanone, reaction products with diphenylamine		х	Maine (Canada PBiT); WA Appen1	Antioxidant	



			Persistent,			
			,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
			Persistent, very			_
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68412-68-0	Phosphonic acid, perfluoro-C6-12-alkyl derivs.		х	Maine (Canada PBiT); WA Appen1	PFC	
68440-24-4	Fatty acids, tall-oil, 2-mercaptoethyl esters (2-MET)	Development		OECD - SIDS/SIAR	Reactant for organotin PVC stabilizers, approved for indirect food contact	
68443-10-7	Amines, C18-22-tert-alkyl, ethoxylated		х	Maine (Canada PBiT); WA Appen1		
68475-57-0	Alkanes, C1-2, Petroleum gas	Cancer		Maine (EU Carcinogen)		
68475-58-1	Alkanes, C2-3, Petroleum gas	Cancer		Maine (EU Carcinogen)		х
68475-59-2	Alkanes, C3-4, petroleum gas	Cancer		Maine (EU Carcinogen)		Х
68475-60-5	Alkanes, C4-5, Petroleum gas	Cancer		Maine (EU Carcinogen)		х
68476-40-4	Hydrocarbons, C3-4, Petroleum gas	Cancer		Maine (EU Carcinogen)		х
68476-42-6	Hydrocarbons, C4-5, Petroleum gas	Cancer		Maine (EU Carcinogen)		х
68476-44-8	Hydrocarbons, C>3		х	Maine (Canada PBiT); WA Appen1		х
68476-46-0	Hydrocarbons, C3-11, catalytic cracker distillates		х	Maine (Canada PBiT); WA Appen1		х
68476-49-3	Hydrocarbons, C2-4, C3-rich; Petroleum gas	Cancer		Maine (EU Carcinogen)		х
68476-77-7	Lubricating oils, refined used		х	Maine (Canada PBiT); WA Appen1		
68476-85-7	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 °F).]			Maine (EU Carcinogen)		х



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CA	S		Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Num	ber Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68476-8	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 °F).]	Cancer		Maine (EU Carcinogen)		X
68477-3	Gases (petroleum), C3-4, isobutanerich; 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, predominantly isobutane.]	Cancer		Maine (EU Carcinogen)		x



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68477-35-0	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 the range of C3 through C6, predominantly piperylenes.]	Cancer		Maine (EU Carcinogen)		х
68477-65-6	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 through C5 may also be present.]	Cancer		Maine (EU Carcinogen)		х
68477-66-7	Gases (petroleum), benzene unit 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 <sub>1</sub> through C <sub>6</sub> , including benzene, may also be present.]	Cancer		Maine (EU Carcinogen)		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68477-67-8	Gases (petroleum), benzene unit recycle, hydrogen-rich; Refinery gas; [A complex combination of hydrocarbons obtained by recycling the gases of the benzene unit. It consists primarily of hydrogen with various small amounts of carbon monoxide and hydrocarbons having carbon numbers in the range of $C_1$ through $C_6$ .]	Cancer		Maine (EU Carcinogen)		
68477-68-9	Gases (petroleum), blend oil, hydrogen-nitrogen-rich; Refinery gas; [A complex combination of hydrocarbons obtained by distillation of a blend oil. It consists primarily of hydrogen and nitrogen with various small amounts of carbon monoxide, carbon dioxide, and aliphatic hydrocarbons having carbon numbers predominantly in the range of $C_1$ through $C_5$ .]	Cancer		Maine (EU Carcinogen)		
68477-69-0	Gases (petroleum), butane splitter overheads; Petroleum gas; [A complex combination of hydrocarbons obtained from the distillation of the butane stream. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>4</sub> .]	Cancer		Maine (EU Carcinogen)		x



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68477-70-3	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, propane, and propylene.]	Cancer		Maine (EU Carcinogen)		х
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)		х
68477-72-5	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 range of C3 through C5.]	Cancer		Maine (EU Carcinogen)		х



	T		Persistent,			
			*			
			Bioaccumulative, Toxic (PBT) or very			
						High Production
CAS			Persistent, very		Use Evenendada and Jan	Volume (HPV)
CAS	Chamical Name	U lab Englis aissa/a\	Bioaccumulative	Sauras/a)	Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68477-73-6	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 through C4, predominantly C3.]	Cancer		Maine (EU Carcinogen)		
68477-74-7	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 through C6.]	Cancer		Maine (EU Carcinogen)		х
	Gases (petroleum), catalytic cracker,			Maine (EU Carcinogen)		
68477-75-8	C1-5-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 C1 through C5.]	Cancer				



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
		1 (7	,	Maine (EU Carcinogen)		
68477-76-9	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	Cancer				
	numbers in the range of C2 through C6, predominantly C2 through C4.]					
68477-77-0	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 numbers predominantly in the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		х
68477-79-2	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, predominantly C1 through C4.]	Cancer		Maine (EU Carcinogen)		х



			Persistent,			
			Bioaccumulative,			
			,			
			Toxic (PBT) or very			High Production
			Persistent, very			
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68477-80-5	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 range of C1 through C6.]	Cancer		Maine (EU Carcinogen)		x
68477-81-6	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 C5 and hydrogen.]	Cancer		Maine (EU Carcinogen)		х
68477-82-7	Gases (petroleum), C6-8 catalytic reformer recycle, hydrogen-rich; Refinery gas	Cancer		Maine (EU Carcinogen)		х
68477-83-8	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



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
100111001			(51 52)	Maine (EU Carcinogen)	Circuit Ciaco	
68477-84-9	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 amounts of hydrogen, nitrogen and carbon monoxide.]	Cancer		<b>3</b> ,		
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)		х
68477-86-1	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 predominantly ethane and ethylene.]	Cancer		Maine (EU Carcinogen)		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68477-87-2	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 C4.]	Cancer		Maine (EU Carcinogen)		х
68477-90-7	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 propylene with some ethane and propane.]	Cancer		Maine (EU Carcinogen)		х
68477-91-8	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 C4.]	Cancer		Maine (EU Carcinogen)		x



	1					
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68477-92-9	Gases (petroleum), dry sour, gasconcnunit-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 range of C1 through C3.]	Cancer		Maine (EU Carcinogen)		x
68477-93-0	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 C3.]	Cancer		Maine (EU Carcinogen)		x
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)		



			Doveistant			
			Persistent, Bioaccumulative,			
			,			
			Toxic (PBT) or very			High Production
			Persistent, very			Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
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.]	Cancer		Maine (EU Carcinogen)		
68477-96-3	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 hydrocarbons.]	Cancer		Maine (EU Carcinogen)		
68477-97-4	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, nitrogen, methane, and C2 hydrocarbons.]	Cancer		Maine (EU Carcinogen)		x
68477-98-5	Gases (petroleum), hydrotreater blend oil recycle, hydrogen-nitrogenrich; 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 range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		



			Danaistant	<u> </u>		
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Dunduction
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68477-99-6	Gases (petroleum), isomerized naphtha fractionator, C4-rich, hydrogen sulfide-free; Petroleum gas	Cancer		Maine (EU Carcinogen)		
68478-00-2	Gases (petroleum), recycle, hydrogenrich; 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 C5.]			Maine (EU Carcinogen)		х
68478-01-3	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 through C5.]			Maine (EU Carcinogen)		х
68478-02-4	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 C5.]	Cancer		Maine (EU Carcinogen)		x



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68478-03-5	Gases (petroleum), reforming hydrotreater, hydrogen-methane-rich; Refinery gas; [A complex combination obtained from the reforming hydrotreating process. It consists 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 through C5.]	Cancer	(v. vo)	Maine (EU Carcinogen)	Citerinal Class	x
68478-04-6	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 C5.]	Cancer		Maine (EU Carcinogen)		x
68478-05-7	Gases (petroleum), thermal cracking distn.; 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 C6.]	Cancer		Maine (EU Carcinogen)		



I				Persistent,			
				Bioaccumulative,			
				Toxic (PBT) or very			
				Persistent, very			<b>High Production</b>
	CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
	Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
	68478-21-7	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 carbon numbers predominantly in the range of C1 through C6.]			Maine (EU Carcinogen)		
	68478-22-8	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 the range of C1 through C6.]	Cancer		Maine (EU Carcinogen)		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
						High Production
646			Persistent, very		Har Francis (a) and (a)	Volume (HPV)
CAS	Chambal Name	The state English stock (s)	Bioaccumulative	6	Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
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.]	Cancer		Maine (EU Carcinogen)		x
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)		
68478-26-2	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)		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
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.]		(***5)	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 C6.]	Cancer		Maine (EU Carcinogen)		х
68478-29-5	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 through C5.]	Cancer		Maine (EU Carcinogen)		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
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
68478-32-0	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 butane and isobutane.]	Cancer		Maine (EU Carcinogen)		x
68478-33-1	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 C5, predominantly methane and ethane.]	Cancer		Maine (EU Carcinogen)		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68478-34-2	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 range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		х
68478-45-5	1,4-Benzenediamine, N,N'-mixed tolyl and xylyl derivs.		х	Maine (Canada PBiT); WA Appen1	Antioxidant, corrosion inhibitor	
68511-50-2	1-Propene, 2-methyl-, sulfurized	Blood, Skin		EPA - HC	Lubricants, functional fluids	х
68512-30-1	Phenol, methylstyrenated		х	Maine (Canada PBiT); WA Appen1	Additive to rubber	
68512-62-9	Residues (petroleum), light vacuum		х	Maine (Canada PBiT); WA Appen1	Emulsions, roofing flux	х
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)		x
68513-02-0	Naphtha (petroleum), full-range coker		х	Maine (Canada PBiT); WA Appen1		х
68513-14-4	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 propane.]	Cancer		Maine (EU Carcinogen)		x



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68513-15-5	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 C6.]	Cancer		Maine (EU Carcinogen)		х
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
68513-17-7	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 carbon numbers predominantly in the range of C2 through C6.]	Cancer		Maine (EU Carcinogen)		х



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68513-18-8	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 methane, ethane, and propane.]	Cancer		Maine (EU Carcinogen)		x
68513-19-9	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 methane, ethane, and propane.]	Cancer		Maine (EU Carcinogen)		х
				Maine (EU Carcinogen)		
68513-66-6	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 82°F).]	Cancer				х



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			Persistent,			
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			Toxic (PBT) or very			High Dundretion
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
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).]	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).]	Cancer		Maine (EU Carcinogen)		
68515-49-1	Di-isodecyl phthalate (DIDP)	Development		Maine (CA Prop 65); WA Appen1	Phthalate, adhesive, plastics, lubricant, colorant	х
68515-51-5	1,2-Benzenedicarboxylic acid, di-C6- 10-alkyl esters	Reproduction		ECHA Substances of Very High Concern	polymers, coating products, fillers, putties, plasters, modelling clay, inks and toners, lubricants/greases and finger paints	
68515-88-8	Pentene, 2,4,4-trimethyl-, sulfurized	Blood, Liver		EPA - HC	Anti-wear inhibitors in engine oils	х



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			Bioaccumulative,			
			Toxic (PBT) or very			High Production
			Persistent, very		- 1/1	
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68527-15-1	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, and carbon monoxide.]	Cancer		Maine (EU Carcinogen)		x
68527-16-2	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 minus 42°C (-263°F to -44°F).]	Cancer		Maine (EU Carcinogen)		х
68527-19-5	Hydrocarbons, C1-4, debutanizer fraction; Petroleum gas	Cancer		Maine (EU Carcinogen)		х
68551-44-0	Fatty acids, C6-19-branched, zinc salts		х	Maine (Canada PBiT); WA Appen1		
68555-72-6	1-Pentanesulfonamide, N-ethyl- 1,1,2,2,3,3,4,4,5, 5,5-undecafluoro-N- (2-hydroxyethyl)-	_	x	Maine (Canada PBiT); WA Appen1	PFC	
68555-73-7	1-Heptanesulfonamide, N-ethyl- 1,1,2,2,3,3,4,4,5, 5,6,6,7,7,7- pentadecafluoro-N-(2-hydroxyethyl)-		х	Maine (Canada PBiT); WA Appen1	PFC	
68555-75-9	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-N-(2-hydroxyethyl)-N- methyl-		х	Maine (Canada PBiT); WA Appen1	PFC	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
Humber	1-Heptanesulfonamide,	riculti Enapolit(3)	(41 45)		PFC PFC	Circinical
	1,1,2,2,3,3,4,4,5,5,6,6,7, 7,7-			Walle (callada i bir), WA Appelli		
68555-76-0	pentadecafluoro-N-(2-hydroxyethyl)-		Х			
	N-methyl-					
	in-methyi-			Maine (EU Carcinogen)		
				Walle (Lo Carcillogell)		
	Gases (petroleum), benzene unit					
	hydrotreater depentanizer					
	overheads; Refinery gas; [A complex					
	combination produced by treating					
	the feed from the benzene unit with					
	hydrogen in the presence of a					
	catalyst followed by depentanizing. It					
68602-82-4	consists primarily of hydrogen,	Cancer				
	ethane and propane with various					
	small amounts of nitrogen, carbon					
	monoxide, carbon dioxide and					
	hydrocarbons having carbon					
	numbers predominantly in the range					
	of C1 through C6. It may contain					
	trace amounts of benzene.]					
	Gases (petroleum), C1-5, wet;			Maine (EU Carcinogen)		
	Petroleum gas; [A complex					
	combination of hydrocarbons					
	produced by the distillation of crude	_				
68602-83-5	oil and/or the cracking of tower gas	Cancer				
	oil. It consists of hydrocarbons having					
	carbon numbers predominantly in					
	the range of C1 through C5.]					
	and range of or an oagh con					



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68602-84-6	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 C3.]	Cancer		Maine (EU Carcinogen)		х
68603-42-9	Coconut diethanolamide	Kidney, Skin		HSDB	Corrosion inhibitor, dishwashing detergent, surfactant	х
68606-25-7	Hydrocarbons, C2-4; Petroleum gas	Cancer		Maine (EU Carcinogen)		х
68606-26-8	Hydrocarbons, C3; Petroleum gas	Cancer		Maine (EU Carcinogen)		x
68606-27-9	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 C4.]	Cancer		Maine (EU Carcinogen)		×
68606-34-8	Gases (petroleum), depropanizer bottoms fractionation off; Petroleum gas; [A complex combination of hydrocarbons obtained from the fractionation of depropanizer bottoms. It consists predominantly of butane, isobutane and butadiene.]	Cancer		Maine (EU Carcinogen)		х



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Dundrestian
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68607-11-4	Petroleum products, refinery gases; Refinery gas; [A complex combination which consists primarily of hydrogen with various small amounts of methane, ethane, and propane.]	Cancer		Maine (EU Carcinogen)		x
68607-30-7	Residues (petroleum), topping plant, low-sulfur		x	Maine (Canada PBiT); WA Appen1		х
68631-49-2	PBDE-153 [2,2',4,4',5,5'- hexabromodiphenyl ether]		х	WA Appen1; Oregon P3 List	Flame retardant	
68648-53-3	Resin acids and Rosin acids, hydrogenated, esters with triethylene glycol		х	Maine (Canada PBiT); WA Appen1	Flame retardant	
68783-06-2	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 through C3.]	Cancer		Maine (EU Carcinogen)		х
68783-07-3	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 C5.]	Cancer		Maine (EU Carcinogen)		×
68783-08-4	Gas oils (petroleum), heavy atmospheric		х	Maine (Canada PBiT); WA Appen1	Petroleum, pre -refinery stream	х
68783-12-0	Naphtha (petroleum), unsweetened		x	Maine (Canada PBiT); WA Appen1		х



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68783-64-2	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 predominantly in the range of C3 through C5.]	Cancer		Maine (EU Carcinogen)		х
68783-65-3	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 -30°F).]	Cancer		Maine (EU Carcinogen)		X
68784-75-8	Silicic acid (H2Si2O5), barium salt (1:1), lead-doped	Reproduction		ECHA Substances of Very High Concern	coating products	
68814-67-5	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 the range of C1 through C3.]	Cancer		Maine (EU Carcinogen)		х



			Persistent,			
			Bioaccumulative,			
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			Toxic (PBT) or very			High Production
			Persistent, very		= 1/2 1/	Volume (HPV)
CAS			Bioaccumulative	- ()	Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68814-90-4	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 through C4.]	Cancer		Maine (EU Carcinogen)		x
68815-10-1	Petroleum, sulfurized		Х	Maine (Canada PBiT); WA Appen1		
68877-63-4	Acetamide, N-[2-[(2-bromo-4,6-dinitrophenyl) azo]-5-[(2-cyanoethyl)-2-propenylamino]-4 -methoxyphenyl]-		х	Maine (Canada PBiT); WA Appen1	Dye	
68910-11-2	Benzenemethanol, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, reaction products with 1,3,5-trimethylbenzene		х	Maine (Canada PBiT); WA Appen1		
68911-58-0	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 carbon numbers predominantly in the range of C4 through C5.]	Cancer		Maine (EU Carcinogen)		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
						High Production
			Persistent, very			Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68911-59-1	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 C5.]	Cancer		Maine (EU Carcinogen)		x
68918-99-0	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 range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		x
68919-00-6	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 range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		х



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68919-01-7	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 propane.]	Cancer		Maine (EU Carcinogen)		х
68919-02-8	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 through C5.]	Cancer		Maine (EU Carcinogen)		х
68919-03-9	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, ethane and propane.]	Cancer		Maine (EU Carcinogen)		x



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
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
68919-05-1	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 range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		х
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



			Persistent,			
			Bioaccumulative,			
			•			
			Toxic (PBT) or very			High Production
			Persistent, very		= 1/2 1/	Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68919-07-3	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 propane.]	Cancer		Maine (EU Carcinogen)		х
68919-08-4	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 predominantly in the range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		х
68919-09-5	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 the total effluent. It consists of methane, ethane, and propane.]	Cancer		Maine (EU Carcinogen)		
68919-10-8	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 the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		x



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68919-11-9	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 the range of C1 through C4.]	Cancer		Maine (EU Carcinogen)		
68919-12-0	Gases (petroleum), unifiner stripper off; Refinery gas; [A combination of hydrogen and methane obtained by fractionation of the products from the unifiner unit.]	Cancer		Maine (EU Carcinogen)		
68919-20-0	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)		x
68920-70-7	Alkanes, C6-18, chloro		Х	Maine (Canada PBiT); WA Appen1	Paraffin, plasticizer	
68921-45-9	Benzenamine, N-phenyl-, reaction products with styrene and 2,4,4-trimethylpentene		х	Maine (Canada PBiT); WA Appen1	Antioxidant additive in engine oils	
68937-41-7	Isopropylated triphenyl phosphate (IPTPP)	Reproductive; Developmental; Neurological		Washington CHCC List	Suspected children's foam products, upholstered furniture, and in Firemaster 550	×
68937-51-9	Silanamine, 1,1,1-trimethyl-N- (trimethylsilyl)-, reaction products with ammonia, octamethylcyclotetrasiloxane and silica		х	Maine (Canada PBiT); WA Appen1	Formulation component	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
	Paraffin waxes and Hydrocarbon	1 (7	,	Maine (Canada PBiT); WA Appen1	Paraffin wax	
68938-42-1	waxes, chloro, reaction products with		x			
	naphthalene					
60020 54 2	Siloxanes and Silicones, 3-			Maine (Canada PBiT); WA Appen1		
68938-51-2	cyanopropyl Me, di-Me		х			
	Gases (petroleum), catalytic cracked			Maine (EU Carcinogen)		
	naphtha debutanizer; Petroleum gas;					
	[A complex combination of					
	hydrocarbons obtained from					
68952-76-1	fractionation of catalytic cracked	Cancer				х
	naphtha. It consists of hydrocarbons					
	having carbon numbers					
	predominantly in the range of C1					
	through C4.]					
	Tail gas (petroleum), catalytic			Maine (EU Carcinogen)		
	cracked distillate and naphtha					
	stabilizer; Petroleum gas; [A complex					
	combination of hydrocarbons					
	obtained by the fractionation of	_				
68952-77-2	catalytic cracked naphtha and	Cancer				
	distillate. It consists predominantly of					
	hydrocarbons having carbon					
	numbers predominantly in the range					
	of C1 through C4.]					
	Tail gas (petroleum), catalytic			Maine (FIL Carcinegen)		
	hydrodesulfurized naphtha			Maine (EU Carcinogen)		
	separator; Refinery gas; [A complex					
	combination of hydrocarbons					
68952-79-4	obtained from the	Cancer				х
	hydrodesulfurization of naphtha. It					
	consists of hydrogen, methane,					
	ethane, and propane.]					
	Tetriarie, and propane.					



	1		Persistent,			
			,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
			Persistent, very			
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68952-80-7	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 C5.]	Cancer		Maine (EU Carcinogen)		x
68952-81-8	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 C6.]	Cancer		Maine (EU Carcinogen)		
68952-82-9	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 range of C1 through C6.	Cancer		Maine (EU Carcinogen)		
68953-84-4	1,4-Benzenediamine, N,N'-mixed Ph and tolyl derivs.		х	Maine (Canada PBiT); WA Appen1		х
68955-27-1	Distillates (petroleum), petroleum residues vacuum		Х	Maine (Canada PBiT); WA Appen1		х



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68955-28-2	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 hydrocarbons having a carbon number predominantly of C4.]	Cancer		Maine (EU Carcinogen)		x
68955-33-9	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 C4.]	Cancer		Maine (EU Carcinogen)		x
68955-34-0	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 the range of C2 through C4.]	Cancer		Maine (EU Carcinogen)		x
68955-53-3	Amines, C12-14-tert-alkyl	Development		EPA - RBP	Organic chemical mfg	
68957-62-0	1-Heptanesulfonamide, N-ethyl- 1,1,2,2,3,3,4,4,5, 5,6,6,7,7,7- pentadecafluoro-		x	Maine (Canada PBiT); WA Appen1	PFC	



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
68989-88-8	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 through C6.]	Cancer		Maine (EU Carcinogen)		х
69011-06-9	[Phthalato(2-)]dioxotrilead	Reproduction		ECHA Substances of Very High Concern	polymers/plastics	
69409-94-5	Fluvalinate	Development		Maine (CA Prop 65); WA Appen1	Pesticide	
69430-47-3	Siloxanes and Silicones, di-Me, reaction products with Me hydrogen siloxanes and 1,1,3,3-tetramethyldisiloxane (MDnM-hydride)		х	Maine CC; Canada PBiT	Polymer, crosslinking agent	
69695-75-6	9,10-Anthracenedione, 1-amino-4-[[3- [(dimethylamino) methyl]phenyl]amino]-, monohydrochloride		х	Maine (Canada PBiT); WA Appen1		
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl		х	Maine (EPA Final PBT Rule for TRI; WA PBT List); WA Appen1; Oregon P3 List	PCB	
69806-40-2	Haloxyfop-methyl	Kidney, Reproduction		IRIS; WA Appen1	Pesticide (not EPA registered)	
69806-50-4	Fluazifop butyl	Development		Maine (CA Prop 65); WA Appen1	Pesticide (EPA reg. cancelled)	
69898-41-5	furo[3,4-b]pyridin-7(5H)-one, 5-[4- (diethylamino)-2-ethoxyphenyl]-5-(1- ethyl-2-methyl-1H-indol-3-yl)-		х	Maine (OSPAR Chemicals of Concern); WA Appen1		



			Persistent,			
			Bioaccumulative,			
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			Toxic (PBT) or very			High Droduction
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
69898-66-4	5-Isobenzofurancarboxylic acid, 3-[4- (diethylamino)-2-ethoxyphenyl] -3-(1- ethyl-2-methyl-1H-indol-3-yl)-1,3 - dihydro-1-oxo-, ethyl ester		x	Maine (Canada PBiT); WA Appen1		
69898-67-5	5-Isobenzofurancarboxylic acid, 1-[4- (diethylamino)-2-ethoxyphenyl] -1-(1- ethyl-2-methyl-1H-indol-3-yl)-1,3 - dihydro-3-oxo-, ethyl ester		x	Maine (Canada PBiT); WA Appen1		
				Maine (OSPAR Chemicals of	Pesticide (EPA reg.	
70124-77-5	flucythrinate		x	Concern; OSPAR Chemicals for	cancelled)	
				Priority Action); WA Appen1	,	
70161-19-2	Benzenesulfonic acid, [(9,10-dihydro-9,10-dioxo- 1,4-anthracenediyl)bis(imino-4,1-phenyleneoxy)]bis -, disodium salt		x	Maine (Canada PBiT); WA Appen1		
70210-08-1	2-Naphthalenesulfonamide, N-[2- (acetyloxy)ethyl]-6- hydroxy-N- methyl-5-[[4-(phenylazo)phenyl]azo]-		х	Maine (Canada PBiT); WA Appen1	Dye	
70225-14-8	Diethanolamine salt [Perfluorooctane sulfonates (PFOS)]	Development, Liver, Thyroid	х	Maine (WA PBT List; Canada PBiT); WA Appen1; Minnesota HRL	PFC	
70321-86-7	2-(2H-Benzotriazol-2-yl)-4,6-bis(1- methyl-1-phenylethyl) phenol	Liver		EPA - HC	Industrial additive for polymers and coatings	х
70331-94-1	Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, (1,2-dioxo-1,2-ethanediyl) bis(imino-2,1-ethanediyl) ester		х	Maine (Canada PBiT); WA Appen1	Phenolic antioxidant/metal deactivator	
70362-50-4	PCB-081 (3,4,4',5- tetrachlorobiphenyl)		х	Oregon P3 List	Enclosed electrical systems	
70514-12-4	Lubricating oils, used		х	Maine (Canada PBiT); WA Appen1	Lubricating oils	
70592-76-6	Distillates (petroleum), intermediate vacuum		х	Maine (Canada PBiT); WA Appen1		х



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
70592-77-7	Distillates (petroleum), light vacuum		х	Maine (Canada PBiT); WA Appen1		х
70592-78-8	Distillates (petroleum), vacuum		х	Maine (Canada PBiT); WA Appen1		х
70592-79-9	Residues (petroleum), atm. tower, light		х	Maine (Canada PBiT); WA Appen1		х
70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran		х	Maine (EPA Final PBT Rule for TRI; WA PBT List); WA Appen1		
70776-03-3	naphthalene, chloro derivs.		х	Maine (OSPAR Chemical of Concern; Canada PBiT); WA Appen1	PCN	
70776-86-2	2-Butanone, 4-[[[1,2,3,4,4a,9,10,10a-octahydro-1,4a-dimethyl-7-(1-methylethyl)-1-phenanthrenyl ]methyl](3-oxo-3-phenylpropyl)amino]-, [1R- $(1\alpha,4a\beta,10a\alpha)$ ]-		х	Maine (Canada PBiT); WA Appen1		
70969-47-0	Thiols, C8-20, γ-ω-perfluoro, telomers with acrylamide		х	Maine (Canada PBiT); WA Appen1	AFFF (Aqueous film forming foam)	
71032-95-6	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 (salt)		х	Maine (Canada PBiT); WA Appen1	Dye	
72102-55-7	Methylium, [4- (dimethylamino)phenyl] bis[4- (ethylamino)-3-methylphenyl]-, acetate		х	Maine (Canada PBiT); WA Appen1	dye	
72102-56-8	Methylium, [4- (dimethylamino)phenyl] bis[4- (ethylamino)-3-methylphenyl]-, chloride		х	Maine (Canada PBiT); WA Appen1	Chemical intermediate	
72102-64-8	Methylium, bis[4- (dimethylamino)phenyl] [4- (ethylamino)-3-methylphenyl]-, chloride		х	Maine (Canada PBiT); WA Appen1	Chemical intermediate	



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Droduction
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
72318-87-7	Phenol, [[[3- (dimethylamino)propyl]amino]methy I]-, isobutylenated		х	Maine (Canada PBiT); WA Appen1		
72490-01-8	Fenoxycarb	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
				ECHA Substances of Very High	prodction of fluoropolymers	
72629-94-8	Pentacosafluorotridecanoic acid		х	Concern (vPvB)	and fluorotelomers	
	Benzenesulfonic acid, [(9,10-dihydro-			Maine (Canada PBiT); WA Appen1		
72749-91-8	9,10-dioxo- 1,4- anthracenediyl)diimino]bis[(1,1- dimethylethyl )-, sodium salt		x			
72812-39-6	Methylium, bis(4-amino-3,5- dimethylphenyl) (2,6-dichlorophenyl)- , phosphate (1:1)		х	Maine (Canada PBiT); WA Appen1		
72828-63-8	Benzonitrile, 2-[[4-[[2- (acetyloxy)ethyl] butylamino]-2- methylphenyl]azo]-3-bromo-5-nitro -		х	Maine (Canada PBiT); WA Appen1		
72869-85-3	Chromate(1-), bis[3,5-bis(1,1-dimethylethyl) -2-hydroxybenzoato(2-)-O1,O2]-, hydrogen		х	Maine (Canada PBiT); WA Appen1	Inks, toner	
72968-82-2	Methanesulfonamide, N-[2-[(2,6-dicyano-4-methylphenyl) azo]-5-(dipropylamino)phenyl]-		x	Maine (Canada PBiT); WA Appen1	Pigment, dye and printing ink	
73398-86-4	Pyridine, 4-(3-chloro-5-propylphenyl)-		х	Maine (Canada PBiT); WA Appen1		
73398-87-5	Pyridine, 4-(4-chloro-3-propylphenyl)-		х	Maine (Canada PBiT); WA 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-		х	Maine (Canada PBiT); WA Appen1		
74051-80-2	Sethoxydim	Blood		IRIS; WA Appen1	Pesticide	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			, ,			High Production
CAC			Persistent, very Bioaccumulative		Lies Evenenis/s) and/su	Volume (HPV)
CAS	Chamical Name	Health Fuducint/s		Sa.,,,,,,(a)	Use Example(s) and/or	
Number	9,10-Anthracenedione, 1-[(5,7-	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
	dichloro-1,9-dihydro- 2-methyl-9-			Maine (Canada PBiT); WA Appen1	Pigment Red 251	
74336-60-0	oxopyrazolo[5,1-b]quinazolin-3-		x			
	yl)azo ]- (Pigment Red 251)					
	yijazo j (i iginent nea 251)			Maine (EuC Endocrine Disruptor	PCB	
				Priority List; EPA Final PBT Rule for	. 55	
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl	Endocrine system	х	TRI; WA PBT List); WA Appen1;		
	,	•		Oregon P3 List		
	Phosphonium,			Maine (Canada PBiT); WA Appen1	Catalyst, curing agent	
	triphenyl(phenylmethyl)-, salt with					
75768-65-9	4,4'-[2,2,2-trifluoro-1-(		х			
	trifluoromethyl)ethylidene]bis[pheno					
	[] (1:1)					
76578-14-8	Quizalofop-ethyl	Reproduction		Maine (CA Prop 65); WA Appen1	Pesticide	
76720 62 0	Do al alas desarrad	15		IDIC WAA Arranad	D+: -: d -	
76738-62-0	Paclobutrazol	Liver		IRIS; WA Appen1	Pesticide	
76738-62-0 76842-07-4	PCB 122 (2,3,3',4,5 -	Liver Endocrine system		Maine (EuC Endocrine Disruptor	Pesticide	
	PCB 122 (2,3,3',4,5 - Pentachlorobiphenyl)			Maine (EuC Endocrine Disruptor Priority List)		
76842-07-4	PCB 122 (2,3,3',4,5 - Pentachlorobiphenyl) MelQ (2-Amino-3,4-			Maine (EuC Endocrine Disruptor Priority List) Maine (CA Prop 65; NTP 11th ROC);		
	PCB 122 (2,3,3',4,5 - Pentachlorobiphenyl)	Endocrine system		Maine (EuC Endocrine Disruptor Priority List)		
76842-07-4	PCB 122 (2,3,3',4,5 - Pentachlorobiphenyl) MelQ (2-Amino-3,4-	Endocrine system		Maine (EuC Endocrine Disruptor Priority List) Maine (CA Prop 65; NTP 11th ROC);		
76842-07-4 77094-11-2 77182-82-2	PCB 122 (2,3,3',4,5 - Pentachlorobiphenyl) MelQ (2-Amino-3,4- dimethylimidazo[4,5-f]quinoline)	Endocrine system  Cancer  Kidney		Maine (EuC Endocrine Disruptor Priority List) Maine (CA Prop 65; NTP 11th ROC); WA Appen1	In cooked meat and fish	
76842-07-4 77094-11-2	PCB 122 (2,3,3',4,5 - Pentachlorobiphenyl)  MelQ (2-Amino-3,4- dimethylimidazo[4,5-f]quinoline)  Glufosinate-ammonium	Endocrine system  Cancer		Maine (EuC Endocrine Disruptor Priority List) Maine (CA Prop 65; NTP 11th ROC); WA Appen1 IRIS; WA Appen1	In cooked meat and fish Pesticide	
76842-07-4 77094-11-2 77182-82-2 77439-76-0	PCB 122 (2,3,3',4,5 - Pentachlorobiphenyl)  MelQ (2-Amino-3,4- dimethylimidazo[4,5-f]quinoline)  Glufosinate-ammonium  MX (3-chloro-4-dichloromethyl-5- hydroxy-2(5H)-furanone)	Endocrine system  Cancer  Kidney		Maine (EuC Endocrine Disruptor Priority List) Maine (CA Prop 65; NTP 11th ROC); WA Appen1 IRIS; WA Appen1	In cooked meat and fish  Pesticide  Research	
76842-07-4 77094-11-2 77182-82-2	PCB 122 (2,3,3',4,5 - Pentachlorobiphenyl)  MelQ (2-Amino-3,4- dimethylimidazo[4,5-f]quinoline)  Glufosinate-ammonium  MX (3-chloro-4-dichloromethyl-5- hydroxy-2(5H)-furanone)  MelQx (2-Amino-3,8-	Endocrine system  Cancer  Kidney		Maine (EuC Endocrine Disruptor Priority List) Maine (CA Prop 65; NTP 11th ROC); WA Appen1 IRIS; WA Appen1 Maine (CA Prop 65); WA Appen1	In cooked meat and fish  Pesticide  Research	
76842-07-4 77094-11-2 77182-82-2 77439-76-0	PCB 122 (2,3,3',4,5 - Pentachlorobiphenyl)  MelQ (2-Amino-3,4- dimethylimidazo[4,5-f]quinoline)  Glufosinate-ammonium  MX (3-chloro-4-dichloromethyl-5- hydroxy-2(5H)-furanone)	Cancer Kidney Cancer		Maine (EuC Endocrine Disruptor Priority List)  Maine (CA Prop 65; NTP 11th ROC); WA Appen1  IRIS; WA Appen1  Maine (CA Prop 65); WA Appen1  Maine (CA Prop 65; NTP 11th ROC); WA Appen1	In cooked meat and fish  Pesticide Research  In cooked meats	
76842-07-4 77094-11-2 77182-82-2 77439-76-0	PCB 122 (2,3,3',4,5 - Pentachlorobiphenyl)  MelQ (2-Amino-3,4- dimethylimidazo[4,5-f]quinoline)  Glufosinate-ammonium  MX (3-chloro-4-dichloromethyl-5- hydroxy-2(5H)-furanone)  MelQx (2-Amino-3,8-	Cancer Kidney Cancer		Maine (EuC Endocrine Disruptor Priority List) Maine (CA Prop 65; NTP 11th ROC); WA Appen1 IRIS; WA Appen1 Maine (CA Prop 65); WA Appen1 Maine (CA Prop 65; NTP 11th ROC);	In cooked meat and fish  Pesticide  Research	
76842-07-4 77094-11-2 77182-82-2 77439-76-0 77500-04-0 77501-63-4	PCB 122 (2,3,3',4,5 - Pentachlorobiphenyl)  MelQ (2-Amino-3,4- dimethylimidazo[4,5-f]quinoline)  Glufosinate-ammonium  MX (3-chloro-4-dichloromethyl-5- hydroxy-2(5H)-furanone)  MelQx (2-Amino-3,8- dimethylimidazo[4,5-f]quinoxaline)  Lactofen	Cancer Kidney Cancer Cancer Cancer		Maine (EuC Endocrine Disruptor Priority List)  Maine (CA Prop 65; NTP 11th ROC); WA Appen1  IRIS; WA Appen1  Maine (CA Prop 65); WA Appen1  Maine (CA Prop 65; NTP 11th ROC); WA Appen1  Maine (CA Prop 65); WA Appen1	In cooked meat and fish  Pesticide Research  In cooked meats	
76842-07-4 77094-11-2 77182-82-2 77439-76-0 77500-04-0 77501-63-4 77536-67-5	PCB 122 (2,3,3',4,5 - Pentachlorobiphenyl)  MelQ (2-Amino-3,4- dimethylimidazo[4,5-f]quinoline)  Glufosinate-ammonium  MX (3-chloro-4-dichloromethyl-5- hydroxy-2(5H)-furanone)  MelQx (2-Amino-3,8- dimethylimidazo[4,5-f]quinoxaline)  Lactofen  asbestos (anthophyllite)	Cancer Kidney Cancer Cancer Cancer Cancer		Maine (EuC Endocrine Disruptor Priority List) Maine (CA Prop 65; NTP 11th ROC); WA Appen1 IRIS; WA Appen1 Maine (CA Prop 65); WA Appen1 Maine (CA Prop 65; NTP 11th ROC); WA Appen1 Maine (CA Prop 65); WA Appen1 Maine (CA Prop 65); WA Appen1	In cooked meat and fish  Pesticide Research  In cooked meats	
76842-07-4 77094-11-2 77182-82-2 77439-76-0 77500-04-0 77501-63-4	PCB 122 (2,3,3',4,5 - Pentachlorobiphenyl)  MelQ (2-Amino-3,4- dimethylimidazo[4,5-f]quinoline)  Glufosinate-ammonium  MX (3-chloro-4-dichloromethyl-5- hydroxy-2(5H)-furanone)  MelQx (2-Amino-3,8- dimethylimidazo[4,5-f]quinoxaline)  Lactofen	Cancer Kidney Cancer Cancer Cancer Cancer Cancer Cancer Cancer		Maine (EuC Endocrine Disruptor Priority List) Maine (CA Prop 65; NTP 11th ROC); WA Appen1 IRIS; WA Appen1 Maine (CA Prop 65); WA Appen1 Maine (CA Prop 65; NTP 11th ROC); WA Appen1 Maine (CA Prop 65); WA Appen1 Maine (EU Carcinogen) Maine (EU Carcinogen)	In cooked meat and fish  Pesticide Research  In cooked meats  Pesticide	
76842-07-4 77094-11-2 77182-82-2 77439-76-0 77500-04-0 77501-63-4 77536-67-5	PCB 122 (2,3,3',4,5 - Pentachlorobiphenyl)  MelQ (2-Amino-3,4- dimethylimidazo[4,5-f]quinoline)  Glufosinate-ammonium  MX (3-chloro-4-dichloromethyl-5- hydroxy-2(5H)-furanone)  MelQx (2-Amino-3,8- dimethylimidazo[4,5-f]quinoxaline)  Lactofen  asbestos (anthophyllite)	Cancer Kidney Cancer Cancer Cancer Cancer Cancer Adrenal complex,		Maine (EuC Endocrine Disruptor Priority List) Maine (CA Prop 65; NTP 11th ROC); WA Appen1 IRIS; WA Appen1 Maine (CA Prop 65); WA Appen1 Maine (CA Prop 65; NTP 11th ROC); WA Appen1 Maine (CA Prop 65); WA Appen1 Maine (CA Prop 65); WA Appen1	In cooked meat and fish  Pesticide Research  In cooked meats	
76842-07-4 77094-11-2 77182-82-2 77439-76-0 77500-04-0 77501-63-4 77536-67-5 77536-68-6	PCB 122 (2,3,3',4,5 - Pentachlorobiphenyl)  MelQ (2-Amino-3,4- dimethylimidazo[4,5-f]quinoline)  Glufosinate-ammonium  MX (3-chloro-4-dichloromethyl-5- hydroxy-2(5H)-furanone)  MelQx (2-Amino-3,8- dimethylimidazo[4,5-f]quinoxaline)  Lactofen  asbestos (anthophyllite) asbestos (tremolite)  Hexythiazox (Savey)	Endocrine system  Cancer  Kidney  Cancer  Cancer  Cancer  Cancer  Cancer  Adrenal complex, Blood		Maine (EuC Endocrine Disruptor Priority List) Maine (CA Prop 65; NTP 11th ROC); WA Appen1 IRIS; WA Appen1 Maine (CA Prop 65); WA Appen1 Maine (CA Prop 65; NTP 11th ROC); WA Appen1 Maine (CA Prop 65); WA Appen1 Maine (EU Carcinogen) Maine (EU Carcinogen) IRIS; WA Appen1	In cooked meat and fish  Pesticide Research  In cooked meats  Pesticide  Pesticide	
76842-07-4 77094-11-2 77182-82-2 77439-76-0 77500-04-0 77501-63-4 77536-67-5 77536-68-6	PCB 122 (2,3,3',4,5 - Pentachlorobiphenyl)  MelQ (2-Amino-3,4- dimethylimidazo[4,5-f]quinoline)  Glufosinate-ammonium  MX (3-chloro-4-dichloromethyl-5- hydroxy-2(5H)-furanone)  MelQx (2-Amino-3,8- dimethylimidazo[4,5-f]quinoxaline)  Lactofen  asbestos (anthophyllite) asbestos (tremolite)	Cancer Kidney Cancer Cancer Cancer Cancer Cancer Adrenal complex,		Maine (EuC Endocrine Disruptor Priority List) Maine (CA Prop 65; NTP 11th ROC); WA Appen1 IRIS; WA Appen1 Maine (CA Prop 65); WA Appen1 Maine (CA Prop 65; NTP 11th ROC); WA Appen1 Maine (CA Prop 65); WA Appen1 Maine (EU Carcinogen) Maine (EU Carcinogen) IRIS; WA Appen1	In cooked meat and fish  Pesticide Research  In cooked meats  Pesticide	
76842-07-4 77094-11-2 77182-82-2 77439-76-0 77500-04-0 77501-63-4 77536-67-5 77536-68-6 78587-05-0	PCB 122 (2,3,3',4,5 - Pentachlorobiphenyl)  MelQ (2-Amino-3,4- dimethylimidazo[4,5-f]quinoline)  Glufosinate-ammonium  MX (3-chloro-4-dichloromethyl-5- hydroxy-2(5H)-furanone)  MelQx (2-Amino-3,8- dimethylimidazo[4,5-f]quinoxaline)  Lactofen  asbestos (anthophyllite) asbestos (tremolite)  Hexythiazox (Savey)  Thifensulfuron-methyl (Harmony)	Endocrine system  Cancer  Kidney  Cancer  Cancer  Cancer  Cancer  Cancer  Adrenal complex, Blood		Maine (EuC Endocrine Disruptor Priority List) Maine (CA Prop 65; NTP 11th ROC); WA Appen1 IRIS; WA Appen1 Maine (CA Prop 65); WA Appen1 Maine (CA Prop 65); WA Appen1 Maine (CA Prop 65); WA Appen1 Maine (EU Carcinogen) Maine (EU Carcinogen) IRIS; WA Appen1 IRIS; WA Appen1	In cooked meat and fish  Pesticide Research In cooked meats  Pesticide  Pesticide  Pesticide	
76842-07-4 77094-11-2 77182-82-2 77439-76-0 77500-04-0 77501-63-4 77536-67-5 77536-68-6 78587-05-0	PCB 122 (2,3,3',4,5 - Pentachlorobiphenyl)  MelQ (2-Amino-3,4- dimethylimidazo[4,5-f]quinoline)  Glufosinate-ammonium  MX (3-chloro-4-dichloromethyl-5- hydroxy-2(5H)-furanone)  MelQx (2-Amino-3,8- dimethylimidazo[4,5-f]quinoxaline)  Lactofen  asbestos (anthophyllite) asbestos (tremolite)  Hexythiazox (Savey)	Endocrine system  Cancer  Kidney  Cancer  Cancer  Cancer  Cancer  Cancer  Adrenal complex, Blood	x	Maine (EuC Endocrine Disruptor Priority List) Maine (CA Prop 65; NTP 11th ROC); WA Appen1 IRIS; WA Appen1 Maine (CA Prop 65); WA Appen1 Maine (CA Prop 65); WA Appen1 Maine (CA Prop 65); WA Appen1 Maine (EU Carcinogen) Maine (EU Carcinogen) IRIS; WA Appen1 IRIS; WA Appen1	In cooked meat and fish  Pesticide Research  In cooked meats  Pesticide  Pesticide	



			Danist and			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			Hitalia Barada attau
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
79542-46-4	Acetamide, N-[4-chloro-2-[2-(2-chloro- 4-nitrophenyl)azo]-5-[(2-hydroxy-3-phenoxypropyl) amino]phenyl]-		x	Maine (Canada PBiT); WA Appen1		
79748-81-5	Fusarin C	Cancer		Maine (CA Prop 65); WA Appen1	Mycotoxin	
04442 42 2	morpholine, 2,6-dimethyl-4-(C10-13)-			Maine (OSPAR Chemicals of	Pesticide (not EPA	
81412-43-3	alkyl-		х	Concern); WA Appen1	registered)	
				Maine (EuC Endocrine Disruptor	Pesticide	
82657-04-3	Bifenthrin (Talstar)	Endocrine system	x	Priority List); WA Appen1; Oregon		
				P3 List		
83249-47-2	Acetamide, N-[2-[(2-bromo-6-cyano-4- nitrophenyl)azo]-5-(dipropylamino)phenyl]-		x	Maine (Canada PBiT); WA Appen1		
83249-53-0	Methanesulfonamide, N-[2-[(2-bromo-6-cyano-4-methylphenyl)azo]-5-(diethylamino)phenyl]-		х	Maine (Canada PBiT); WA Appen1		
83249-54-1	Methanesulfonamide, N-[2-[(2-bromo-6-cyano-4-methylphenyl)azo]-5-(dipropylamino)phenyl]-		х	Maine (Canada PBiT); WA Appen1		
	Methanesulfonamide, 1-chloro-N-			Maine (Canada PBiT); WA Appen1		
83721-47-5	[2,3,4-trichloro- 6-(2,4-dichlorophenoxy)phenyl]-, sodium salt		x			
83721-48-6	Methanesulfonamide, 1-chloro-N-[2,3,4,5-tetrachloro- 6-(2,4-dichlorophenoxy)phenyl]-, sodium salt		x	Maine (Canada PBiT); WA Appen1		
83968-86-9	9,10-Anthracenedione, 1-amino-4-[[3- [(dimethylamino) methyl]phenyl]amino]-, monoacetate		x	Maine (Canada PBiT); WA Appen1		
84082-38-2	Alkanes, C10-21, chloro		х	Maine (Canada PBiT); WA Appen1		
84852-15-3	phenol, 4-nonyl-, branched		х	Maine (OSPAR Chemicals of Concern); WA Appen1	Epoxy hardener	х



			Dorsistant			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Production
			Persistent, very			
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
84852-53-9		Developmental		Washington CHCC List	additive flame retardant; polymer and textile applications; wire and cable coating; latex-based back coating for drapery and upholstery fabrics	x
85005-63-6	2-Naphthalenecarboxamide, 4-[(2,4-dinitrophenyl)azo]-3-hydroxy-N-phenyl-		х	Maine (Canada PBiT); WA Appen1		
				Maine (Canada PBiT); WA Appen1		
85186-47-6	Xanthylium, 9-(2-carboxyphenyl)-3,6-bis(diethylamino)-, salt with mono-C10-14-alkylbenzenesulfonic acid (1:1)		х			
	stannane, tributyl-,			Maine (EuC Endocrine Disruptor Priority List; OSPAR Chemicals of	Pesticide (not EPA registered)	
85409-17-2	mono(naphthenoyloxy) derivs.	Endocrine system	Х	Concern); WA Appen1	registe. cz,	
85422-92-0	Paraffin oils, chloro		Х	Maine (Canada PBiT); WA Appen1		
85509-19-9	Flusilazole (NuStar)	Liver		IRIS; WA Appen1	Pesticide (not EPA registered)	
				Maine (EuC Endocrine Disruptor	Lubricants in metal cutting,	
				Priority List; WA PBT List; EU PBT	plasticizers and flame	
				List; OSPAR Chemicals of Concern;	retardants in plastics	
85535-84-8	Short-chain chlorinated paraffins		Х	ECHA Substances of Very High		
				Concern; Canada PBiT); WA		
				Appen1		
				Maine (EuC Endocrine Disruptor		
85535-85-9	alkanes, C14-17, chloro	Endocrine system	Х	Priority List; Canada PBiT); WA		
				Appen1		
85535-86-0	Alkanes, C18-28, chloro		x	Maine (Canada PBiT); WA Appen1		
	3H-Indol-3-one, 5,7-dibromo-2-(5-			Maine (Canada PBiT); WA Appen1		
85702-64-3	bromo-7- chloro-1,3-dihydro-3-oxo- 2H-indol-2-ylidene)-1,2-dihydro -		x			



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
						High Production
			Persistent, very			Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
85702-90-5	2,9,11,13-Tetraazanonadecanethioic acid, 19-isocyanato-11-(6- isocyanatohexyl)-10,12-dioxo-, S-[3- (trimethoxysilyl)propyl] ester		x	Maine (Canada PBiT); WA Appen1		
86551-61-3	Butanamide, 2-[2,4-bis(1,1-dimethylpropyl) phenoxy]-N-[4-(2-formylhydrazino)phenyl]-		х	Maine (Canada PBiT); WA Appen1		
87237-48-7	propanoic acid, 2-[4-[[3-chloro-5- (trifluoromethyl)-2- pyridinyl]oxy]phenoxy]-, 2- ethoxyethyl ester		x	Maine (OSPAR Chemicals of Concern); WA Appen1	Pesticide (not EPA registered)	
87741-01-3	Hydrocarbons, C4, Petroleum gas	Cancer		Maine (EU Carcinogen)		
88671-89-0	Myclobutanil	Development, Reproduction	х	Maine (CA Prop 65);WA Appen1; Oregon P3 List	Pesticide	
90268-98-7	Carbonic acid disodium salt, reaction products with aniline, 4-nitrobenzenamine, p-phenylenediamine, sodium sulfide, sulfur and p-toluidine		х	Maine (Canada PBiT); WA Appen1		
90622-55-2	Alkanes, C1-4, C3-rich, Petroleum gas	Cancer		Maine (EU Carcinogen)		
90640-80-5	Anthracene oil	Cancer	х	Maine (EU PBT List; OSPAR Chemicals of Concern); WA Appen1; ECHA Substances of Very High Concern	In coal tar pitch, coal tar enamel mfg	
90640-81-6	Anthracene oil, anthracene paste	Cancer	х	Maine (EU PBT List; OSPAR Chemicals of Concern); WA Appen1; ECHA Substances of Very High Concern		
90640-82-7	Anthracene oil, anthracene-low	Cancer	х	Maine (EU PBT List; OSPAR Chemicals of Concern); WA Appen1; ECHA Substances of Very High Concern	Solvent	
90640-86-1	Distillates (coal tar), heavy oils		х	Maine (EU PBT List; OSPAR Chemicals of Concern); WA Appen1		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
90729-40-1	3-Pyridinecarbonitrile, 1-butyl-5-[[4- (4-chlorobenzoyl) -2-nitrophenyl]azo]- 1,2-dihydro-6-hydroxy-4 -methyl-2- oxo-		х	Maine (Canada PBiT); WA Appen1		
90982-32-4	Chlorimuron-ethyl	Blood		IRIS; WA Appen1	Pesticide	
91031-62-8	Fatty acids, C16-18, lead salts	Reproduction		ECHA Substances of Very High Concern	polymers/plastics	
91465-08-6	Cyhalothrin (Karate)	Endocrine system	x	Maine (EuC Endocrine Disruptor Priority List); WA Appen1; Oregon P3 List	Pesticide	
91995-15-2	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 330°C to 350°C (626°F to 662°F). It contains chiefly anthracene, carbazole and phenanthrene.]	Cancer	x	Maine (EU PBT List; OSPAR Chemicals of Concern); WA Appen1; ECHA Substances of Very High Concern		
91995-17-4	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 to 340°C (554°F to 644°F). It contains chiefly trinuclear aromatics and their dihydro derivatives.]	Cancer	х	Maine (EU PBT List; OSPAR Chemicals of Concern); WA Appen1; ECHA Substances of Very High Concern		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
91995-42-5	Distillates (coal tar), heavy oils, pyrene fraction		х	Maine (EU PBT List; OSPAR Chemicals of Concern); WA Appen1		
91995-52-7	Distillates (coal tar), pitch, pyrene fraction		х	Maine (EU PBT List; OSPAR Chemicals of Concern); WA Appen1		
92045-15-3	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 through C5.]	Cancer		Maine (EU Carcinogen)		
92045-16-4	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 predominantly in the range of C1 through C3.]	Cancer		Maine (EU Carcinogen)		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
92045-17-5	Gases (petroleum), gas oil 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 C4.]	Cancer		Maine (EU Carcinogen)		
92045-18-6	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 the range of C1 through C6.]	Cancer		Maine (EU Carcinogen)		



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
						<b>High Production</b>
0.00			Persistent, very		= 1./.\ 1/	Volume (HPV)
CAS			Bioaccumulative		Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
92045-19-7	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 C5 with which natural gas may also be mixed.]	Cancer		Maine (EU Carcinogen)		
92045-20-0	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 range of C1 through C5.]	Cancer		Maine (EU Carcinogen)		
92045-22-2	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 approximately -70°C to 0°C (-94°F to 32°F).]	Cancer		Maine (EU Carcinogen)		



			Davaiatant			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			High Dundrichion
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
92045-23-3	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 12°C to 5°C (10.4°F to 41°F).]	Cancer		Maine (EU Carcinogen)		
92045-41-5	Lubricating oils, used, vacuum distd.		х	Maine (Canada PBiT); WA Appen1		
92045-52-8	Naphtha (petroleum), hydrodesulfurized full-range		х	Maine (Canada PBiT); WA Appen1		
92045-80-2	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 unsaturated hydrocarbons.]	Cancer		Maine (EU Carcinogen)		
92061-94-4	Residues (coal tar), pitch distn.		х	Maine (EU PBT List; OSPAR Chemicals of Concern); WA Appen1		
93918-79-7	Carbamic acid, cyclohexyl-, nitrilotri- 2,1-ethanediyl ester		х	Maine (Canada PBiT); WA Appen1		
94199-57-2	2-Naphthalenecarboxamide, N-(2- ethoxyphenyl)-3-hydroxy- 4-[(2- nitrophenyl)azo]-		х	Maine (Canada PBiT); WA Appen1	Dye	



			Dausistant			
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
94248-26-7	Methanesulfonamide, 1-chloro-N-(2-phenoxyphenyl)-, pentachloro deriv., sodium salt		х	Maine (Canada PBiT); WA Appen1		
97722-19-5	Raffinates (petroleum), steam- cracked C4 fraction cuprous ammonium acetate extn., C3-5 and C3-5 unsatd., butadiene-free; Petroleum gas	Cancer		Maine (EU Carcinogen)		
				Maine (EuC Endocrine Disruptor	РСВ	
100702-98-5	4,4'-Dihydroxy-2,3,5,6- tetrachlorobiphenyl	Endocrine system		Priority List); WA Appen1		
101043-37-2	Microcystin-LR	Cancer; Liver		IARC 2B; MN HRL	blue-green algae toxin, contaminant in blue-green algae health supplement	
101200-48-0	Tribenuron-methyl (Express)	Blood chemistry		IRIS; WA Appen1	Pesticide	
101200-53-7	Pyridine, 2-[3-(3- chlorophenyl)propyl]-		х	Maine (Canada PBiT); WA Appen1	Fragrance, perfume, deodorizer, flavoring agent	
	distillates (petroleum), alkene-alkyne			Maine (OSPAR Chemicals of		
101316-50-1	manuf. pyrolysis oil, condensed arom. ring-contg.		x	Concern); WA Appen1		
101316-83-0	Tar brown-coal	Cancer		Maine (EU Carcinogen)		
101316-84-1	Tar, brown-coal, low-temp.	Cancer		Maine (EU Carcinogen)		
104948-36-9	Alkanes, C10-22, chloro		х	Maine (Canada PBiT); WA Appen1	Paraffins	
105650-23-5	PhiP(2-Amino-1-methyl-6- phenylimidazol[4,5-b]pyridine)	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen1	Cooked meats	
106232-85-3	Alkanes, C18-20, chloro		x	Maine (Canada PBiT); WA Appen1	Paraffins	
106276-78-2	Benzoic acid, 2,3,4,5-tetrachloro-6-cyano-, methyl ester, reaction products with 4-[(4-aminophenyl)azo]-3-methylbenzenamine and sodium methoxide		х	Maine (Canada PBiT); WA Appen1	Colorant for textile fiber	



				1		
			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
	1H-Imidazole-1-ethanol, α-(2,4-			Maine (Canada PBiT); WA Appen1		
108004-27-9	dichlorophenyl) -α-[2-(2,4-		v			
108004-27-9	dichlorophenyl)cyclopropyl]-,		х			
	[1α(R),2β]-					
	Chlorinated paraffins (Average chain			Maine (CA Prop 65; NTP 11th ROC);	Paraffins	
108171-26-2	length, C12;approximately 60	Cancer		WA Appen1		
	percent chlorine by weight)					
	Perfluorohexanesulfonate (PFHxS)	Liver system; Thyroid			PFC; stain-resistant fabrics;	
108427-53-8			x	Minnesota HRL; ECHA Substances	fire-fighting foams; food	
100 127 33 0			^	of Very High Concern	packaging; industrial	
					surfactant	
110235-47-7	Mepanipyrim	Cancer		Maine (CA Prop 65)	Pesticide (not EPA	
					registered)	
	4-Hydroxy-3,3',4',5'-			Maine (EuC Endocrine Disruptor		
111810-41-4	tetrachlorobiphenyl	Endocrine system		Priority List); WA Appen2		
				Maine (CA Prop 65); WA Appen1	Fungal tayin	
116355-83-0	Fumonisin B1	Cancer		Walle (CA Prop 65); WA Appell1	Fungal toxin	
				Maine (Canada PBiT); WA Appen1	РСВ	
117310-64-2	Phosphine oxide, (butylphenyl)bis(2,6		x	Walle (Callada FBIT), WA Appell1	rcb	
117510 012	dichlorobenzoyl)-		^			
				Maine (EuC Endocrine Disruptor	Furan	
118174-38-2	6-Methyl-1,3,8-trichlorodibenzofuran	Endocrine system		Priority List); WA Appen1		
	, , ,	,		, , ,		
120068-37-3	Fipronil		Х	Oregon P3 List	Pesticide	
	Resin acids and Rosin acids,			Maine (Canada PBiT); WA Appen1	Formulation component,	
124751-15-1	fumarated, barium salts		х		pigment, dye, printing ink	
	Tulliarateu, bariulli saits					
				Maine (Canada PBiT); WA Appen1	Plastic, synthetic resin	
	Phenol, 4,4'-(1-methylethylidene)bis-					
125328-28-1	, reaction products with		Х			
	hexakis(methoxymethyl)melamine					
				10 1 00 1		
425474 07 0	Lubricating oils (petroleum),			Maine (Canada PBiT); WA Appen1		
125471-97-8	hydrotreated, used, distn. residues		х			
				ECHA Substances of Vernalist	curfoctont determents	
127087-87-0	4-Nonylphenol, branched and linear,	Systemic		ECHA Substances of Very High Concern	surfactantdetergents,	
12/06/-6/-0	ethoxylated	Systemic		Concern	emulsifiers, paints, plastics	



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			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
			Persistent, very			High Production
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
				Maine (Canada PBiT); WA Appen1		
	Propanenitrile, 3-[[2-					
127126-02-7	(acetyloxy)ethyl][4- [(6,7-dichloro-2-		х			
	benzothiazolyl)azo]phenyl]amino ]-					
128683-25-0	Crude oil (oil sand)		x	Maine (Canada PBiT); WA Appen1		
120003-23-0	Crude on (on sand)		^			
128683-26-1	Distillates (petroleum), full-range		x	Maine (Canada PBiT); WA Appen1		
120003 20 1	atm.		^			
128683-28-3	Gas oils (petroleum), full-range		x	Maine (Canada PBiT); WA Appen1		
120003 20 3	das ons (petroleum), run runge		^			
128683-29-4	Gas oils (oil sand), hydrotreated		x	Maine (Canada PBiT); WA Appen1		
128683-30-7	Gas oils (oil sand)		x	Maine (Canada PBiT); WA Appen1		
128683-33-0	Naphtha (oil sand), hydrotreated		x	Maine (Canada PBiT); WA Appen1		
	., , , ,					
128683-35-2	Residues (oil sand), atm. tower		x	Maine (Canada PBiT); WA Appen1		
	Hydrocarbons, C12-25, dehydrated			Maine (Canada PBiT); WA Appen1		
129566-94-5	used lubricating oil distillates		Х			
129893-11-4	Residues (petroleum), vacuum,		х	Maine (Canada PBiT); WA Appen1		
	hydrocracked, naphtha fraction			14 : (C   L DD:T) 14(4 4   4		
129893-17-0	Lubricating oils, used, residues		x	Maine (Canada PBiT); WA Appen1	Lubricating oils	x
	Lubrication ails wood was were distal			Maine (Canada DDIT): MA Amana	Lukvisation aila	
129893-18-1	Lubricating oils, used, vacuum distd,		x	Maine (Canada PBiT); WA Appen1	Lubricating oils	
	clay-treated			Maine (Canada DRIT): MA Amana		
129893-21-6	Natural gas condensates, C4-12 distillate		х	Maine (Canada PBiT); WA Appen1		
	Natural gas condensates, C5-12			Maine (Canada PBiT); WA Appen1		
129893-22-7			х	Waine (Canada PBIT); WA Appent		
132207-32-0	distillate Asbestos	Cancer		Maine (EU Carcinogen)		
132207-32-0	Lubricating oils, used, distd., C5-18	Califer		Maine (Canada PBiT); WA Appen1		
132538-91-1	fraction		X	Walle (Callada FBIT), WA Appell		
	Truction .			Maine (Canada PBiT); WA Appen1		
132538-93-3	Lubricating oils, used, distd., light oil		x	wanie (Canada F Bit ), WA Appelli		
				Maine (CA Prop 65); WA Appen1	Pesticide (not EPA	
140923-17-7	Iprovalicarb (also CAS#140923-25-7)	Cancer	Х	The control of the co	registered)	



			Persistent,			
			Bioaccumulative,			
			Toxic (PBT) or very			
						<b>High Production</b>
646			Persistent, very		I I For any late \ I to a	Volume (HPV)
CAS			Bioaccumulative	6 ()	Use Example(s) and/or	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
141112-29-0	Isoxaflutole	Cancer		Maine (CA Prop 65); WA Appen1	Pesticide	
177406-68-7	Benthiavalicarb-isopropyl	Cancer		Maine (CA Prop 65)	Pesticide (not EPA registered)	
	2-ethylhexyl-2,3,4,5-	Reproductive;			flame retardant; flexible	
183658-27-7	tetrabromobenzoate (TBB)	Developmental;		Washington CHCC List	polyurethane foam;	
	tetrabioinobenzoate (1BB)	Neurological			Firemaster 550 mixture	
189084-64-8	PBDE-100 [2,2',4,4',6- Pentabromodiphenyl ether]		x	Oregon P3 List	Flame retardant	
223777-68-2	Benzenesulfonic acid, hydroxydinonyl		x	Maine (Canada PBiT); WA Appen1		
	, branched, monoammonium salt					
				IARC 2B	structural automobile parts;	
	Caulage manaturbas maniti usallad				lithium-ion batteries; solar	
308068-56-6	Carbon nanotubes, multi-walled MWCNT-7	Cancer			cell technology; electrical	
					wiring; anti-microbial	
				IARC 2B	lapidary abrasive, composite	
					armor, car brake lining,	
					component of heating	
308076-74-6	Silicon carbide, fibrous	Cancer			elements in electrical	
	·				furnaces (uses are from	
					silicon carbide, general)	
N/A	DDT, DDD, DDE		V	Maine (EPA Priority Chemicals);		
N/A	DD1, DD0, DDE		х	Oregon P3 List		
N/A	Nickel refinery dust	Cancer		WA Appen2; Minnesota HRV		
	4-OH-2,2',4',5,5'-			Maine (EuC Endocrine Disruptor		
N/A	pentachlorobiphenyl	Endocrine system		Priority List); WA Appen2		
NI/A	Aluminosilicate Refractory Ceramic	Compan		ECHA Substances of Very High		
N/A	Fibers	Cancer		Concern		
N/A	Aristolochic acids	Cancor Vidney		Maine (CA Prop 65; IARC); WA		
IN/A	ALISTOIDCING ACIUS	Cancer, Kidney		Appen2		
N/A	Benzidine-based dyes	Cancer		Maine (CA Prop 65); WA Appen2		
N/A	Dyes metabolized to 3,3'- dimethoxybenzidine	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen2		



			Persistent,	1		
			Bioaccumulative.			
			Toxic (PBT) or very			
			Persistent, very			<b>High Production</b>
CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>
Number	Dyes metabolized to 3,3'-	nealth Enupoint(s)	(VPVD)	Maine (CA Prop 65; NTP 11th ROC);	Chemical Class	Cileillicai
N/A	dimethylbenzidine	Cancer		WA Appen2		
	diffethylberizidiffe			Maine (IARC; NTP 11th ROC); WA		
N/A	Dyes metabolized to benzidine	Cancer		Appen2		
	Methoxyethyl acrylate tributyltin,			Maine (EuC Endocrine Disruptor		
N/A	copolymer	Endocrine system		Priority List); WA Appen2		
	Methylhydrazine and its salts,			Maine (CA Prop 65); WA Appen2		
N/A	methylhydrazine, methylhydrazine sulfate	Cancer				
NI/A	Mineral oils (untreated and mildly	Comean		Maine (IARC; NTP 11th ROC); WA		
N/A	treated)	Cancer		Appen2		
	Mixture of 2,3,4,5-			Maine (EuC Endocrine Disruptor		
	tetrachlorobiphenyl (PCB 61),			Priority List); WA Appen2		
N/A	2,2',4,5,5'-octachlorobiphenyl (PCB	Endocrine system				
	101) and 2,2',3,3',4,4',5,5'-					
	octachlorobiphenyl (PCB 194)					
	PBBs = Brominated Flame retardants			Maine (EuC Endocrine Disruptor		
N/A	= PBB (mixed group of 209	Endocrine system		Priority List)		
	Congeners)			AA-in- (CA Dura CE NITO 44th DOC)		
N/A	Polybrominated biphenyls	Cancer, Development		Maine (CA Prop 65; NTP 11th ROC); WA Appen2		
N/A	salts of 2-naphthylamine	Cancer		Maine (EU Carcinogen)		
N/A	Bitumens, extracts of steam-refined	Cancer		Maine (CA Prop 65); WA Appen2		
N/A	and air refined	Cancer				
N/A	Carbon-black extracts	Cancer		Maine (CA Prop 65); WA Appen2		
N/A	Silica, crystalline (respirable size)	Cancer		Maine (CA Prop 65; NTP 11th ROC); WA Appen2		
N/A	Soots	Cancer		Maine (IARC; NTP 11th ROC); WA		
				Appen2		
N1 / A	Soots, tars, and mineral oils	Cowara		Maine (CA Prop 65); WA Appen2		
N/A	(untreated and mildly treated oils	Cancer				
	and used engine oils)			Maine (CA Bron 65: IABC): MA		
N/A	Talc containing asbestiform fibers	Cancer		Maine (CA Prop 65; IARC); WA		
				Appen2 Maine (NTP 11th ROC); WA		
N/A	Environmental tobacco smoke	Cancer, Development		Appen2		
				Appenz		



			Persistent,				
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CAS			Bioaccumulative		Use Example(s) and/or	Volume (HPV)	
Number	Chemical Name	Health Endpoint(s)	(vPvB)	Source(s)	Chemical Class	Chemical <sup>1</sup>	
N1 / A	Zirconium Aluminosilicate Refractory	Cancer		ECHA Substances of Very High			
N/A	Ceramic Fibers			Concern			
N/A	triphenyltin (group)	Endocrine system		EU Category 1 Endocrine disruptor	fungicide, insecticide		
<sup>1</sup> Chemicals that reported national aggregate production volumes of 1 million lbs or more in atleast 4 of 6 report years during U.S. EPA Chemical Data Reporting (CDR) cycles between 2006 to 2016 (CDR							
report years: 2005, 2011, 2012, 2013, 2014, and 2015)							
HPV status reflects analysis performed with U.S. EPA's Chemical Data Reporting data through 2016 submission year.							
Minnesota Department of Health, Environmental Surveillance and Assesment Section, Toxic Free Kids Program							
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