

STATE OF CALIFORNIA
ENVIRONMENTAL PROTECTION AGENCY
DEPARTMENT OF TOXIC SUBSTANCES CONTROL

SAFER CONSUMER PRODUCTS REGULATIONS –
INFORMATIONAL LIST OF CANDIDATE CHEMICALS AND CHEMICAL GROUPS
SEPTEMBER 26, 2013

The Safer Consumer Products regulations require DTSC to post an informational list of Candidate Chemicals on its web site within 30 days after the effective date of the regulations (October 1, 2013); and to update the list periodically. (Cal. Code Regs, tit. 22, § 69502.3, subd. (a)). This list includes the chemical name, the Chemical Abstracts Service Registry Number (if applicable), the basis for listing the Candidate Chemical (hazard trait and authoritative list name), the group name (if applicable), and an indication of whether the chemical is on the “initial list of Candidate Chemicals.”

Chemicals that exhibit a hazard trait and/or environmental or toxicological endpoint and are listed on one or more of the lists identified in section 69502.2(a) of title 22 of the California Code of Regulations are Candidate Chemicals. These are the chemicals that are identified on the informational Candidate Chemicals list. In the event there is a discrepancy between the criteria in section 69502.2 and the informational Candidate Chemicals list, the regulation controls.

Please refer to the tabs below ("Terms", "Abbreviations", and "Notes") for clarification on the Candidate Chemicals list, which is found in the tab called "Candidate Chemicals List". For the Candidate Chemicals that are in a group, refer to the tab "CC group members" to view their associated hazard trait(s) and authoritative list(s).

The Chemical Abstracts Service Registry Numbers (CAS RNs) are listed as they are identified on the source list, therefore, a chemical may be identified using a synonymous name, and searching by CAS number whenever possible is recommended.

This report is provided for informational purposes only. Please refer to the organization(s) that identified the chemical on the authoritative list for specific information relating to this chemical and/or the hazard trait (or traits) that were the basis for listing it.

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Authoritative Lists: The authoritative lists are the 23 lists identified in Cal. Code Regs., tit. 22, section 69502.2(a), and are used to identify Candidate Chemicals for the purposes of this informational list.

Candidate Chemical: The regulations define a Candidate Chemical as a chemical that exhibits a “hazard trait and/or an environmental or toxicological endpoint” and is either: (a) found on one or more of the authoritative lists specified in section 69502.2(a) of the regulations; or (b) listed by DTSC using the criteria specified in section 69502.2(b).

Chemical Abstracts Service Registry Number (CAS RN): The CAS RN is a numeric identifier for chemicals assigned by the CAS Registry

Group: In some cases, groupings of Candidate Chemicals appear on the informational list. Some of these groups have been taken directly from an authoritative list (e.g., “Gas oils” are listed by Environment Canada on the PBiT List). Others are composed of chemicals that appear individually on authoritative lists that DTSC has placed into a well-recognized family of similar chemicals that also appear on one or more authoritative lists (e.g., PCBs, dioxins, and furans).

Hazard trait: A “hazard trait” is an intrinsic property of a chemical that may contribute to adverse effects in humans, animals, or in ecological communities (see definition in section 69501.1(a)(36), which references to the definition in Chapter 54 of Title 22 of the California Code of Regulations).

Initial List: Pursuant to section 69503.6 of title 22, DTSC may include a product on its initial proposed priority products list "only if one or more Candidate Chemicals that is/are the basis for listing the product..." 1) appears on one or more of the hazard trait lists identified in subsection (a)(1) of section 69502.2 and 2) appears on one or more of the exposure potential lists identified in subsection (a)(2) of section 69502.2. DTSC has prepared a version of the informational list (the Informational "Initial" Candidate Chemicals List) that includes only the subset of Candidate Chemicals that meet these two criteria.

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Authoritative List Display name	Authoritative List Regulatory Name
ATSDR Neurotoxicants	Neurotoxicants that are identified in the Agency for Toxic Substances and Disease Registry’s Toxic Substances Portal, Health Effects of Toxic Substances and Carcinogens, Nervous System
CA NLs	Chemicals for which Notification Levels, as defined in Health and Safety Code section 116455, have been established by the California Department of Public Health
CA MCLs	Chemicals for which primary Maximum Contaminant Levels have been established and adopted under section 64431 or section 64444 of chapter 15 of title 22 of the California Code of Regulations
CA TACs	Chemicals identified as Toxic Air Contaminants under sections 93000 and 93001 of title 17 of the California Code of Regulations
Canada PBiTs	Chemicals that are identified as Persistent, Bioaccumulative, and Inherently Toxic to the environment by the Canadian Environmental Protection Act Environmental Registry Domestic Substances List
CDC 4th National Exposure Report	Chemicals that are identified on the Centers for Disease Control and Prevention’s Fourth National Report on Human Exposure to Environmental Chemicals and Updated Tables
CECBP - Priority Chemicals	Priority Chemicals that are identified under the California Environmental Contaminant Biomonitoring Program

CWA 303(c)	Chemicals that are identified as priority pollutants in California Water Quality Control Plans under section 303(c) of the federal
CWA 303(d)	
EC Annex VI CMRs - Cat. 1A	Chemicals classified by the European Commission as carcinogens, mutagens, and/or reproductive toxicants
EC Annex VI CMRs - Cat. 1B	
EC Annex VI Resp. Sens. - Cat. 1	Chemicals classified by the European Commission as respiratory sensitizers Category 1 in Annex VI to Regulation (EC) 1272/2008
EC EDs - Cat. 1	Chemicals included as Category 1 endocrine disruptors by the European Commission in the candidate list of Substances of Very High Concern in accordance with Article 59 of Regulation (EC) 1907/2006
EC PBTs	Chemicals included as persistent, bioaccumulative and toxic, or very persistent and very bioaccumulative by the European Commission in the candidate list of Substances of Very High Concern in accordance with Article 59 of Regulation (EC) 1907/2006
IARC Carcinogens - 1	Groups 1, 2A, and 2B carcinogens identified by the International Agency for Research on Cancer
IARC Carcinogens - 2A	
IARC Carcinogens - 2B	
IRIS Neurotoxicants	Chemicals for which a reference dose or reference concentration has been developed based on neurotoxicity in the United States Environmental Protection Agency's Integrated Risk Information System
IRIS Carcinogens - A	Chemicals that are identified as "carcinogenic to humans", "likely to be carcinogenic to humans", or Groups A, B1, or B2 carcinogens in the United States Environmental Protection Agency's Integrated Risk Information System
IRIS Carcinogens - B1	
IRIS Carcinogens - B2	
IRIS Carcinogens - Carcin.	
IRIS Carcinogens - Likely Carcin.	
NTP 12th RoC - known	Chemicals that are identified as "known to be" or "reasonably anticipated to be" a human carcinogen in the 12th Report on
NTP 12th RoC - reasonable	
NTP OHAT - Repr. or Dev. Toxicants	Reproductive or developmental toxicants identified in Monographs on the Potential Human Reproductive and Developmental Effects, National Toxicology Program, Office of Health Assessment and Translation

OEHHA RELs	Chemicals that are identified with non-cancer endpoints and listed with an inhalation or oral Reference Exposure Level by the California Office of Environmental Health Hazard Assessment under Health and Safety Code section 44360(b)(2)
OSPAR Priority Action Part A	Chemicals that are identified on Part A of the list of Chemicals for Priority Action, Oslo and Paris Conventions for the Protection of the Marine Environment of the North-East Atlantic
Prop 65	Chemicals known to cause cancer and/or reproductive toxicity that are listed under Health and Safety Code section 25249.8 of the California Safe Drinking Water and Toxic Enforcement Act of 1986
US EPA NWMP PBTs	Persistent Bioaccumulative and Toxic Priority Chemicals that are identified by the United States Environmental Protection Agency's National Waste Minimization Program
US EPA TRI PBTs	United States Environmental Protection Agency's Toxics Release Inventory Persistent, Bioaccumulative and Toxic Chemicals that are subject to reporting under the Emergency Planning and Community Right-to-Know Act section 313
WA PBTs	Washington Department of Ecology's Persistent, Bioaccumulative, Toxic Chemicals identified in the Washington Administrative Code, title 173, chapter 173-333

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The Informational Candidate Chemicals List excludes certain non-chemicals (e.g., turbidity) that appear on some of the exposure potential lists. It also excludes chemicals that are generally or exclusively used in products (*i.e.*, pesticides, prescription drugs) that are outside the scope of the Safer Consumer Products program pursuant to section 25251 of the Health and Safety Code. It also omits radioactive materials, tobacco, and metabolites of Candidate Chemicals. However, chemicals in these categories that appear on an Authoritative List are included in the Informational Candidate Chemicals Database.

The hazard traits in this report include the hazard traits as indicated on the authoritative lists, or on related supporting documentation, and do not represent a comprehensive literature review.

Hazard trait information from CDC 4th National Exposure Report, CECBP - Priority Chemicals, CWA 303(d) was gleaned through a review of readily available information published by the organizations that prepared the lists; this information was not specified on the lists themselves.

In some cases, a group or class of chemicals was identified by the organizations that prepared some of the authoritative lists [e.g., CDC 4th National Exposure Report, CECBP - Priority Chemicals, CWA 303(d)] as exhibiting – or having the potential to exhibit – a hazard trait. An individual chemical, including a metabolite, that is a member of the group or class may or may not exhibit the indicated hazard trait.

Parent compounds to metabolites listed in the CDC 4th National Exposure Report were added to the Informational Candidate Chemicals List even though they were not explicitly listed in the CDC 4th National Exposure Report tables. These chemicals were mentioned, however, as parent chemicals, and professional judgment was used in including them for the purposes of the Candidate Chemicals List.

DEPARTMENT OF TOXIC SUBSTANCES CONTROL
CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
1-Heptanesulfonamide, decafluorinated compounds	No CAS RN	1-Heptanesulfonamide, decafluorinated compounds			
	68555-76-0	1-Heptanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7, 7,7-pentadecafluoro-N-(2-hydroxyethyl)-N-methyl-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	68259-14-3	1-Heptanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7, 7,7-pentadecafluoro-N-methyl-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	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	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	68957-62-0	1-Heptanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5, 5,6,6,7,7,7-pentadecafluoro-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	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)-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	68259-07-4	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, ammonium salt	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	70225-15-9	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	68555-75-9	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-N-(2-hydroxyethyl)-N-methyl-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	68259-15-4	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-methyl-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	

*A more specific hazard trait from Chapter 54 of Title 22 of the California Code of Regulations was not identified.

**One or more members of this group meets the regulatory criteria for inclusion on the Initial Candidate Chemicals List

DEPARTMENT OF TOXIC SUBSTANCES CONTROL
CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	34455-03-3	1-Hexanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5, 5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
1-Octanesulfonamide, heptadecafluorinated compounds and salts	No CAS RN	1-Octanesulfonamide, heptadecafluorinated compounds and salts			
	24448-09-7	1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7, 7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-N-methyl -	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	1691-99-2	1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5, 5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl) -	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	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-(phosphonoxy)ethyl]-, diammonium salt	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	29081-56-9	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7, 7,8,8,8-heptadecafluoro-, ammonium salt	Bioaccumulation; Environ. Persistence; Reproductive Tox; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B; WA PBTs	
	2795-39-3	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7, 7,8,8,8-heptadecafluoro-, potassium salt	Bioaccumulation; Environ. Persistence; Reproductive Tox; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B; WA PBTs	
	29457-72-5	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, lithium salt	Bioaccumulation; Environ. Persistence; Reproductive Tox; Toxicity undefined*	EC Annex VI CMRs - Cat. 1B; WA PBTs	
2,7-Naphthalenedisulfonic acids (and salts of)	No CAS RN	2,7-Naphthalenedisulfonic acids (and salts of)			

*A more specific hazard trait from Chapter 54 of Title 22 of the California Code of Regulations was not identified.

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	6358-57-2	2,7-Naphthalenedisulfonic acid, 3-[[2,2'-dimethyl-4'-[[4- [[(4-methylphenyl)sulfonyl]oxy]phenyl]azo][1,1'-biphenyl]-4-yl]azo]-4-hydroxy-, disodium salt	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	68400-36-2	2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-6-[[4'- [(4-hydroxyphenyl)azo]-3,3'-dimethyl[1,1'-biphenyl]-4-yl]azo]-3-[(4-nitrophenyl)azo]-, disodium salt	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	3701-40-4	2,7-Naphthalenedisulfonic acid, 4-hydroxy-3-[[4'-[(2-hydroxy- 1-naphthalenyl)azo]-2,2'-dimethyl[1,1'-biphenyl]-4-yl]azo]-, disodium salt	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	90459-02-2	2,7-Naphthalenedisulfonic acid, 5-amino-4-hydroxy-3-[[6-sulfo- 4-[(4-sulfo-1-naphthalenyl)azo]-1-naphthalenyl]azo]-, diazotized, coupled with diazotized 4-nitrobenzenamine and resorcinol, potassium sodium salts	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
2-Naphthalenecarboxamide derivatives	No CAS RN	2-Naphthalenecarboxamide derivatives			
	85005-63-6	2-Naphthalenecarboxamide, 4-[(2,4-dinitrophenyl)azo]-3-hydroxy-N-phenyl-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	59487-23-9	2-Naphthalenecarboxamide, 4-[[5-[[[4-(aminocarbonyl) phenyl] amino] carbonyl]-2-methoxyphenyl]azo]-N-(5 -chloro-2,4-dimethoxyphenyl)-3-hydroxy-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	94199-57-2	2-Naphthalenecarboxamide, N-(2-ethoxyphenyl)-3-hydroxy- 4-[(2-nitrophenyl)azo]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	92-76-2	2-Naphthalenecarboxamide, N-(4-chloro-2-methylphenyl)-3-hydroxy-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	6410-41-9	2-Naphthalenecarboxamide, N-(5-chloro-2,4-dimethoxyphenyl) -4-[[5-[[diethylamino)sulfonyl]-2-methoxyphenyl]azo]-3-hydroxy-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	

*A more specific hazard trait from Chapter 54 of Title 22 of the California Code of Regulations was not identified.

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CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	92-72-8	2-Naphthalenecarboxamide, N-(5-chloro-2,4-dimethoxyphenyl)-3-hydroxy-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	135-63-7	2-Naphthalenecarboxamide, N-(5-chloro-2-methylphenyl)-3-hydroxy-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	12236-64-5	2-Naphthalenecarboxamide, N-[4-(acetilamino)phenyl] -4-[[5-(aminocarbonyl)-2-chlorophenyl]azo]-3-hydroxy -	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
2-Naphthalenol (and compounds)	No CAS RN	2-Naphthalenol (and compounds)			
	2653-64-7	2-Naphthalenol, 1-(1-naphthalenylazo)-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	2814-77-9	2-Naphthalenol, 1-[(2-chloro-4-nitrophenyl)azo]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	1229-55-6	2-Naphthalenol, 1-[(2-methoxyphenyl)azo]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	6410-09-9	2-Naphthalenol, 1-[(2-nitrophenyl)azo]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	6410-13-5	2-Naphthalenol, 1-[(4-chloro-2-nitrophenyl)azo]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	2425-85-6	2-Naphthalenol, 1-[(4-methyl-2-nitrophenyl)azo]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
3-Pyridinecarbonitrile (and related compounds)	No CAS RN	3-Pyridinecarbonitrile (and related compounds)			

*A more specific hazard trait from Chapter 54 of Title 22 of the California Code of Regulations was not identified.

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	90729-40-1	3-Pyridinecarbonitrile, 1-butyl-5-[[4-(4-chlorobenzoyl) -2-nitrophenyl]azo]-1,2-dihydro-6-hydroxy-4 -methyl-2-oxo-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	61799-13-1	3-Pyridinecarbonitrile, 5-[(2-cyano-4-nitrophenyl) azo]-2-[(2-hydroxyethyl)amino]-4-methyl-6-[[3-(2 -phenoxyethoxy)propyl]amino]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	63833-78-3	3-Pyridinecarbonitrile, 5-[(2-cyano-4-nitrophenyl) azo]-6-[(2-hydroxyethyl)amino]-4-methyl-2-[[3-(2 -phenoxyethoxy)propyl]amino]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	73398-96-6	3-Pyridinecarbonitrile, 5-[(9,10-dihydro-9,10-dioxo- 1-anthracenyl)azo]-2,6-bis[(2-methoxyethyl)amino]-4-methyl-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	63281-10-7	3-Pyridinecarbonitrile, 5-[[2-chloro-4-(methylsulfonyl) phenyl]azo]-4-methyl-2,6-bis[[3-(2-phenoxyethoxy)propyl]amino]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	85392-21-8	3-Pyridinecarbonitrile, 5-[[2-chloro-4-(phenylazo) phenyl]azo]-2,6-bis[(3-methoxypropyl)amino]-4-methyl -	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	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-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
4,4'-Methylenedianiline; 4,4'-Diaminodiphenylmethane (MDA)	No CAS RN	4,4'-Methylenedianiline; 4,4'-Diaminodiphenylmethane (MDA)			
	101-77-9	4,4'-Methylenedianiline	Carcinogenicity; Hepatotoxicity, Digestive System Tox; Ocular Tox	CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; OEHHA RELs; Prop 65	Yes
	13552-44-8	4,4'-Methylenedianiline dihydrochloride	Carcinogenicity	NTP 12th RoC - reasonable; Prop 65	

*A more specific hazard trait from Chapter 54 of Title 22 of the California Code of Regulations was not identified.

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
9,10-Anthracenedione, and related compounds	No CAS RN	9,10-Anthracenedione, and related compounds			
	6408-50-0	9,10-Anthracenedione, 1-(methylamino)-4-[(3-methylphenyl)amino]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	125351-99-7	9,10-Anthracenedione, 1,4-bis[(4-methylphenyl)amino]-, sulfonated, potassium salts	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	20241-76-3	9,10-Anthracenedione, 1,8-dihydroxy-4-nitro-5-(phenylamino)-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	74336-60-0	9,10-Anthracenedione, 1-[(5,7-dichloro-1,9-dihydro- 2-methyl-9-oxopyrazolo[5,1-b]quinazolin-3-yl)azo]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	15958-61-9	9,10-Anthracenedione, 1-[[4-(phenylsulfonyl)phenyl]amino]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	64086-95-9	9,10-Anthracenedione, 1-amino-2-bromo-4-[[4-[(1- methylethyl)amino]-6-phenyl-1,3,5-triazin-2-yl]amino]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	3767-68-8	9,10-Anthracenedione, 1-amino-4-(2-benzothiazolylthio)-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	4395-65-7	9,10-Anthracenedione, 1-amino-4-(phenylamino)-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	27341-33-9	9,10-Anthracenedione, 1-amino-4-[(methoxyphenyl)amino]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	

*A more specific hazard trait from Chapter 54 of Title 22 of the California Code of Regulations was not identified.

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DEPARTMENT OF TOXIC SUBSTANCES CONTROL
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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	83968-86-9	9,10-Anthracenedione, 1-amino-4-[[3-[(dimethylamino) methyl]phenyl]amino]-, monoacetate	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	69695-75-6	9,10-Anthracenedione, 1-amino-4-[[3-[(dimethylamino) methyl]phenyl]amino]-, monohydrochloride	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	54243-60-6	9,10-Anthracenedione, 1-amino-4-hydroxy-2-(4-methoxyphenoxy)-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	1594-08-7	9,10-Anthracenedione, 1-hydroxy-4-[[4-[(methylsulfonyl) oxy]phenyl]amino]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	52591-25-0	9,10-Anthracenedione, 2,2'-(1,3,4-oxadiazole-2,5-diyl)bis[1-amino-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	52671-38-2	9,10-Anthracenedione, 2,2'-[1,4-phenylenebis(1, 3,4-oxadiazole-5,2-diyl)]bis[1-amino-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	64086-96-0	9,10-Anthracenedione, 2-acetyl-1-amino-4-[[4-[(1-methylethyl)amino]-6-phenyl-1,3,5-triazin-2-yl]amino]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
Alkanes, C6-C28 chloro- factions	No CAS RN	Alkanes, C6-C28 chloro- factions			
	84082-38-2	Alkanes, C10-21, chloro	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	104948-36-9	Alkanes, C10-22, chloro	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	85535-85-9	Alkanes, C14-17, chloro	Bioaccumulation; Endocrine Tox; Environ. Persistence; Toxicity undefined*	Canada PBiTs; EC EDs - Cat. 1	
	106232-85-3	Alkanes, C18-20, chloro	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	85535-86-0	Alkanes, C18-28, chloro	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	68920-70-7	Alkanes, C6-18, chloro	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	61788-76-9	Alkanes, chloro; Chloroparaffins	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
Alkanes, Petroleum gas (C1-C5 various factions)	No CAS RN	Alkanes, Petroleum gas (C1-C5 various factions)			
	68475-57-0	Alkanes, C1-2; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	90622-55-2	Alkanes, C1-4, C3-rich; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68475-58-1	Alkanes, C2-3; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68475-59-2	Alkanes, C3-4; petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68475-60-5	Alkanes, C4-5; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
Alkenes, C12-14, hydroformylation products, (and distn. residues, ethoxylated or propoxylated), dihydrogen phosphates, sodium salts	No CAS RN	Alkenes, C12-14, hydroformylation products, (and distn. residues, ethoxylated or propoxylated), dihydrogen phosphates, sodium salts			
	113089-51-3	Alkenes, C12-14, hydroformylation products, distn. residues, ethoxylated propoxylated, dihydrogen phosphates, sodium salts	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	119209-64-2	Alkenes, C12-14, hydroformylation products, distn. residues, ethoxylated, dihydrogen phosphates, sodium salts	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
Amylases	No CAS RN	Amylases			
	9000-91-3	Amylase, beta [amylases with the exception of those specified elsewhere in this Annex]	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
	9032-08-0	Amylase, gluco-[amylases with the exception of those specified elsewhere in this Annex]	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
	9000-90-2	Amylase, α -	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
Anhydrides, dicarboxylic and methanophthalic	No CAS RN	Anhydrides, dicarboxylic and methanophthalic			
	2746-19-2	(1 α ,2 α ,3 β ,6 β)-1,2,3,6-tetrahydro-3,6-methanophthalic anhydride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
	826-62-0	1,2,3,6-tetrahydro-3,6-methanophthalic anhydride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
	129-64-6	8,9,10-trinorborn-5-ene-2,3-dicarboxylic anhydride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
Anhydrides, tetrahydro-methylphthalic	No CAS RN	Anhydrides, tetrahydro- methylphthalic			
	5333-84-6	1,2,3,6-tetrahydro-3-methylphthalic anhydride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	

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	3425-89-6	1,2,3,6-tetrahydro-4-methylphthalic anhydride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
	26590-20-5	1,2,3,6-tetrahydromethylphthalic anhydride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
	42498-58-8	2,3,5,6-tetrahydro-2-methylphthalic anhydride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
	1694-82-2	cis-1,2,3,6-tetrahydro-4-methylphthalic anhydride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
	34090-76-1	Tetrahydro-4-methylphthalic anhydride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
	11070-44-3	Tetrahydromethylphthalic anhydride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
Anhydrides, tetrahydrophthalic	No CAS RN	Anhydrides, tetrahydrophthalic			
	85-43-8	1,2,3,6-tetrahydrophthalic anhydride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
	2426-02-0	3,4,5,6-tetrahydrophthalic anhydride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
	935-79-5	cis-1,2,3,6-tetrahydrophthalic anhydride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
	26266-63-7	Tetrahydrophthalic anhydride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
Anthracene oil, extracts and pastes	No CAS RN	Anthracene oil, extracts and pastes			
	90640-80-5	Anthracene oil	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	EC Annex VI CMRs - Cat. 1B; EC PBTs	
	91995-14-1	Anthracene oil, acid ext.; Anthracene Oil Extract Residue;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	90640-81-6	Anthracene oil, anthracene paste	Bioaccumulation; Carcinogenicity; Environ. Persistence; Genotoxicity; Toxicity undefined*	EC Annex VI CMRs - Cat. 1B; EC PBTs	
	91995-15-2	Anthracene oil, anthracene paste, anthracene fraction	Bioaccumulation; Carcinogenicity; Environ. Persistence; Genotoxicity; Toxicity undefined*	EC Annex VI CMRs - Cat. 1B; EC PBTs	
	91995-16-3	Anthracene oil, anthracene paste, carbazole fraction; Anthracene Oil Fraction;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	91995-17-4	Anthracene oil, anthracene paste, distn. lights; Anthracene Oil Fraction;	Bioaccumulation; Carcinogenicity; Environ. Persistence; Genotoxicity; Toxicity undefined*	EC Annex VI CMRs - Cat. 1B; EC PBTs	
	90640-82-7	Anthracene oil, anthracene-low	Bioaccumulation; Carcinogenicity; Environ. Persistence; Genotoxicity; Toxicity undefined*	EC Annex VI CMRs - Cat. 1B; EC PBTs	
Antimony and Antimony Compounds	No CAS RN	Antimony and Antimony Compounds	Cardiovascular Tox; Dermatotoxicity; Digestive System Toxicity; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Ocular Tox; Other Hazard Trait; Respiratory Tox	CA MCLs; CDC 4th National Exposure Report	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	7440-36-0	Antimony	Cardiovascular Tox; Dermatotoxicity; Digestive System Toxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Other Hazard Trait	CA MCLs; CDC 4th National Exposure Report; CWA 303(c); CWA 303(d)	
	No CAS RN	Antimony Compounds	Dermatotoxicity; Ocular Tox; Reproductive Tox; Respiratory Tox	CA TACs	
	1309-64-4	Antimony trioxide	Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
Aromatic amines	No CAS RN	Aromatic amines	Carcinogenicity	Prop 65	
	137-17-7	2,4,5-Trimethylaniline	Carcinogenicity	EC Annex VI CMRs - Cat. 1B; Prop 65	
	21436-97-5	2,4,5-Trimethylaniline hydrochloride	Carcinogenicity	EC Annex VI CMRs - Cat. 1B; Prop 65	
	39156-41-7	2,4-Diaminoanisole sulfate	Carcinogenicity	EC Annex VI CMRs - Cat. 1B; NTP 12th RoC - reasonable; Prop 65	
	615-05-4	2,4-Diaminoanisole; 4-Methoxy-m-phenylenediamine	Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; Prop 65	
	95-80-7	2,4-Diaminotoluene, Methy m-phenylenediamine; and Diaminotoluene (mixed)	Carcinogenicity; Hematotox; Hepatotoxicity, Digestive System Tox; Neurotox; Respiratory Tox	CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	Yes
	87-62-7	2,6-Xylidine (2,6-Dimethylaniline)	Carcinogenicity	IARC Carcinogens - 2B; Prop 65	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	91-59-8	2-Naphthylamine	Carcinogenicity	EC Annex VI CMRs - Cat. 1A; IARC Carcinogens - 1; NTP 12th RoC - known; Prop 65	
	91-94-1	3,3'-Dichlorobenzidine; and salts of	Carcinogenicity; Developmental Tox	CA TACs; CWA 303(c); CWA 303(d); EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; Prop 65	Yes
	119-90-4	3,3'-Dimethoxybenzidine; o-Dianisidine; and salts; and o-Dianisidine based azo dyes	Carcinogenicity	CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	Yes
	119-93-7	3,3'-Dimethylbenzidine; o-Tolidine; 4,4'-bi-o- Tolidine;(3,3'-Dimethylbenzidine Dye Class)	Carcinogenicity; Respiratory Tox	CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	Yes
	101-80-4	4,4'-Diaminodiphenyl ether; 4,4'-Oxydianiline; and its salts; p-aminophenyl ether	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
	838-88-0	4,4'-Methylene bis(2-methylaniline); 4,4'-Methylenedi-o-toluidine	Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; Prop 65	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	101-14-4	4,4'-Methylenebis(2-chloroaniline (MBOCA); (and salts)	Carcinogenicity; Digestive System Toxicity; Nephrotox, Urinary System; Ocular Tox	CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 1; NTP 12th RoC - reasonable; Prop 65	Yes
	139-65-1	4,4'-Thiodianiline; and salts of	Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
	106-47-8	4-Chloroaniline; p-Chloroaniline	Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; Prop 65	
	3165-93-3	4-Chloro-o-toluidine hydrochloride; p-Chloro-o-toluidine hydrochloride	Carcinogenicity	EC Annex VI CMRs - Cat. 1B; NTP 12th RoC - reasonable; Prop 65	
	95-69-2	4-Chloro-o-toluidine; p-Chloro-o-toluidine	Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2A; NTP 12th RoC - reasonable; Prop 65	
	95-79-4	5-Chloro-o-toluidine and its strong acid salts	Carcinogenicity	Prop 65	
	92-87-5	Benzidine	Carcinogenicity; Dermatotoxicity; Hepatotoxicity, Digestive System Tox; Neurotox	CA TACs; CWA 303(c); CWA 303(d); EC Annex VI CMRs - Cat. 1A; IARC Carcinogens - 1; IRIS Carcinogens - A; NTP 12th RoC - known; Prop 65	Yes
	531-85-1	Benzidine dihydrochloride (and its salts)	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	531-86-2	Benzidine, salts of	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	36341-27-2	Benzidine, salts of	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	21136-70-9	Benzidine, salts of	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	92-67-1	Biphenyl-4-ylamine; xenylamine; 4-aminobiphenyl, and salts of	Carcinogenicity; Nephrotox, Urinary System; Neurotox	CA TACs; EC Annex VI CMRs - Cat. 1A; IARC Carcinogens - 1; NTP 12th RoC - known; Prop 65	Yes
	101-61-1	N,N,N',N'-tetramethyl-4,4'-methylenedianiline; 4,4'-methylenebis(N,N-dimethyl)-benzenamine; Michler's base	Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; Prop 65	
	97-56-3	o-Aminoazotoluene	Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
	134-29-2	o-Anisidine hydrochloride	Carcinogenicity	NTP 12th RoC - reasonable; Prop 65	
	90-04-0	o-Anisidine; 2-Methoxyaniline	Carcinogenicity; Dermatotoxicity; Neurotox	CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	Yes
	636-21-5	o-Toluidine hydrochloride	Carcinogenicity	Prop 65	
	95-53-4	o-Toluidine; and o-toluidine based dyes	Carcinogenicity	CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 1; NTP 12th RoC - reasonable; Prop 65	Yes

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	60-09-3	p-Aminoazobenzene; 4-Amino-azobenzene	Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; Prop 65	
	120-71-8	p-Cresidine	Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
Aromatic Azo Compounds	No CAS RN	Aromatic Azo Compounds			
	6368-72-5	2-Naphthalenamine, N-ethyl-1-[[4-(phenylazo)phenyl]azo]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	3118-97-6	2-Naphthalenol, 1-[(2,4-dimethylphenyl)azo]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	85-86-9	2-Naphthalenol, 1-[4-(phenylazo)phenyl]azo-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	103-33-3	Azobenzene	Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IRIS Carcinogens - B2; Prop 65	
	2832-40-8	C.I. Disperse Yellow 3	Carcinogenicity	Prop 65	
	842-07-9	CI Solvent Yellow 14	Carcinogenicity	Prop 65	
	6358-53-8	Citrus Red No. 2	Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
	2646-17-5	Oil Orange SS	Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
	60-11-7	p-Dimethylaminoazobenzene	Carcinogenicity; Dermatotoxicity	CA TACs; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	Yes

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	3564-09-8	Ponceau 3R, [azo dye]	Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
	3761-53-3	Ponceau MX, [azo dye]	Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
Aromatic Hydrocarbon oils, - mixed	No CAS RN	Aromatic Hydrocarbon oils, - mixed			
	100801-63-6	Hydrocarbon oils, arom., mixed with polyethylene and polypropylene, pyrolyzed, light oil fraction; Heat Treatment Products;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	100801-65-8	Hydrocarbon oils, arom., mixed with polyethylene, pyrolyzed, light oil fraction; Heat Treatment Products;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	100801-66-9	Hydrocarbon oils, arom., mixed with polystyrene, pyrolyzed, light oil fraction; Heat Treatment Products;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
Aromatic hydrocarbons, various fractions, treated or distillation; Pyrolysis Products	No CAS RN	Aromatic hydrocarbons, various fractions, treated or distillation; Pyrolysis Products			
	101794-75-6	Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene pyrolysis-derived; Pyrolysis Products	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	101794-74-5	Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	101794-76-7	Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polystyrene pyrolysis-derived; Pyrolysis Products	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68131-49-7	Aromatic hydrocarbons, C6-10, acid-treated, neutralized; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	90989-41-6	Aromatic hydrocarbons, C6-10, C8-rich; Light Oil Redistillate, low boiling	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68475-70-7	Aromatic hydrocarbons, C6-8, naphtha-raffinate pyrolyzate-derived; Low boiling point thermally cracked naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	93571-75-6	Aromatic hydrocarbons, C7-12, C8-rich; Low boiling point cat-reformed naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	90989-42-7	Aromatic hydrocarbons, C7-8, dealkylation products, distn. residues; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	91995-18-5	Aromatic hydrocarbons, C8, catalytic reforming-derived; Low boiling point cat-reformed naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	90989-38-1	Aromatic hydrocarbons, C8; Light Oil Redistillate, high boiling	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	90989-39-2	Aromatic hydrocarbons, C8-10; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	91995-20-9	Aromatic hydrocarbons, C8-9, hydrocarbon resin polymn. by-product; Light Oil Redistillate, high boiling	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92062-36-7	Aromatic hydrocarbons, C9-12, benzene distn.; Light Oil Redistillate, high boiling	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
Arsenic acid and its salts	No CAS RN	Arsenic acid and its salts	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	7631-89-2	Arsenic (V) acid	Carcinogenicity; Cardiovascular Tox; Dermatotoxicity; Developmental Tox; Neurotox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	1303-28-2	Diarsenic pentaoxide; Arsenic pentoxide; Arsenic oxide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	1327-53-3	Diarsenic trioxide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
Asbestos (all forms, including actinolite, amosite, anthophyllite, chrysotile, crocidolite, tremolite)	1332-21-4	Asbestos (all forms, including actinolite, amosite, anthophyllite, chrysotile, crocidolite, tremolite)	Carcinogenicity	CA MCLs; CWA 303(c); CWA 303(d); IARC Carcinogens - 1; IRIS Carcinogens - A; Prop 65	Yes
	77536-66-4	Asbestos	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	

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	77536-67-5	Asbestos	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	77536-68-6	Asbestos	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	132207-32-0	Asbestos	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	13768-00-8	Asbestos	Carcinogenicity	IARC Carcinogens - 1	
	14567-73-8	Asbestos	Carcinogenicity	IARC Carcinogens - 1	
	17068-78-9	Asbestos	Carcinogenicity	IARC Carcinogens - 1	
	12172-73-5	Asbestos	Carcinogenicity	EC Annex VI CMRs - Cat. 1A; IARC Carcinogens - 1	
	12001-29-5	Asbestos	Carcinogenicity	EC Annex VI CMRs - Cat. 1A; IARC Carcinogens - 1	
	12001-28-4	Asbestos [asbestiform varieties of serpentine (chrysotile), riebeckite (crocidolite), cummingtonite-grunerite (amosite), tremolite, actinolite, and anthophyllite]	Carcinogenicity; Respiratory Tox	CA TACs; EC Annex VI CMRs - Cat. 1A; IARC Carcinogens - 1; NTP 12th RoC - known	Yes
Benzene, Halogenated derivatives	No CAS RN	Benzene, Halogenated derivatives			
	634-66-2	1,2,3,4-Tetrachlorobenzene	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	87-61-6	1,2,3-Trichlorobenzene [Also, CAS# 12002-48-1]	Bioaccumulation; Endocrine Tox; Environ. Persistence; Toxicity undefined*	EC EDs - Cat. 1; EC PBTs; OSPAR Priority Action Part A	Yes
	95-94-3	1,2,4,5-Tetrachlorobenzene	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs; US EPA NWMP PBTs; WA PBTs	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	120-82-1	1,2,4-Trichlorobenzene	Bioaccumulation; Endocrine Tox; Environ. Persistence; Hazard Trait Under Review; Hepatotoxicity, Digestive System Tox; Neurotox; Respiratory Tox; Toxicity undefined*	CA MCLs; CA TACs; CWA 303(c); CWA 303(d); EC PBTs; OSPAR Priority Action Part A; US EPA NWMP PBTs	Yes
	95-50-1	1,2-Dichlorobenzene	Hazard Trait Under Review; Hematotox; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurotox; Other Hazard Trait	CA MCLs; CDC 4th National Exposure Report; CWA 303(c); CWA 303(d)	
	626-39-1	1,3,5-Tribromobenzene	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBTs	
	108-70-3	1,3,5-Trichlorobenzene	Bioaccumulation; Environ. Persistence; Toxicity undefined*	OSPAR Priority Action Part A	
	541-73-1	1,3-Dichlorobenzene (Dichlorobenzenes mixed isomers CAS RN: 25321-22-6)	Hazard Trait Under Review	CDC 4th National Exposure Report; CWA 303(c)	
	106-37-6	1,4-Dibromobenzene			
	108-86-1	Bromobenzene			

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	108-90-7	Chlorobenzene	Digestive System Toxicity; Hazard Trait Under Review; Hepatotoxicity, Digestive System Tox; Musculoskeletal Tox; Nephrotox, Urinary System; Neurotox; Reproductive Tox	ATSDR Neurotoxicants; CA MCLs; CA TACs; CDC 4th National Exposure Report; CWA 303(c); CWA 303(d); OEHHA RELs	Yes
	87-82-1	Hexabromobenzene	Carcinogenicity; Developmental Tox	CECBP - Priority Chemicals	
	106-46-7	p-Dichlorobenzene, 1,4-Dichlorobenzene	Carcinogenicity; Hazard Trait Under Review; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurotox; Reproductive Tox; Respiratory Tox	CA MCLs; CA TACs; CDC 4th National Exposure Report; CECBP - Priority Chemicals; CWA 303(c); CWA 303(d); IARC Carcinogens - 2B; NTP 12th RoC - reasonable; OEHHA RELs; Prop 65	Yes
	12002-48-1	Trichlorobenzenes	Bioaccumulation; Environ. Persistence; Environmental Toxicity*; Toxicity undefined*	CWA 303(d); OSPAR Priority Action Part A	
Benzenediamine, N,N'-mixed (phenyl, tolyl and xylyl derivatives of)	No CAS RN	Benzenediamine, N,N'-mixed (phenyl, tolyl and xylyl derivatives of)			
	68953-84-4	1,4-Benzenediamine, N,N'-mixed Ph and tolyl derivs.	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	

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	68478-45-5	1,4-Benzenediamine, N,N'-mixed phenyl, tolyl and xylyl derivs.	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
Benzenedicarboxylic acid, branched and linear alkyl esters	No CAS RN	Benzenedicarboxylic acid, branched and linear alkyl esters			
	68515-42-4	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
	84777-06-0	1,2-benzenedicarboxylic acid, dipentylester, branched and linear	Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
	71888-89-6	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich; (Diisoheptyl phthalate)	Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
Benzenesulfonic acid, and other substituted compounds	No CAS RN	Benzenesulfonic acid, and other substituted compounds			
	70161-19-2	Benzenesulfonic acid, [(9,10-dihydro-9,10-dioxo-1,4-anthracenediyl)bis(imino-4,1-phenyleneoxy)]bis-, disodium salt	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	72749-91-8	Benzenesulfonic acid, [(9,10-dihydro-9,10-dioxo-1,4-anthracenediyl)diimino]bis[(1,1-dimethylethyl)-], sodium salt	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	83006-67-1	Benzenesulfonic acid, 2,2'-[(9,10-dihydro-5,8-dihydroxy-9,10-dioxo-1,4-anthracenediyl)diimino]bis [5-(1,1-dimethylethyl)-], disodium salt	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	68227-79-2	Benzenesulfonic acid, 2-[[9,10-dihydro-4-[(4-methylphenyl) amino]-9,10-dioxo-1-anthracenyl]amino] -5-methyl-, monoammonium salt	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	4474-24-2	Benzenesulfonic acid, 3,3'-[(9,10-dihydro-9,10-dioxo-1,4-anthracenediyl)diimino]bis[2,4,6-trimethyl-, disodium salt	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	

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	72243-90-4	Benzenesulfonic acid, 3-[[4-amino-9,10-dihydro- 9,10-dioxo-3-[sulfo-4-(1,1,3,3-tetramethylbutyl)phenoxy]-1-anthracenyl]amino]-2,4,6-trimethyl-, disodium salt	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	43035-18-3	Benzenesulfonic acid, 4-[[3-[[2-hydroxy-3-[[4- methoxyphenyl]amino] carbonyl]-1-naphthalenyl]azo] -4-methylbenzoyl]amino]-, calcium salt (2:1)	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	90218-20-5	Benzenesulfonic acid, 5-amino-2,4-dimethyl-, diazotized, coupled with diazotized 2,4-, 2,5-and 2,6-xylidine and 4-[(2,4-dihydroxyphenyl)azo]benzenesulfonic acid, sodium salts	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	223777-68-2	Benzenesulfonic acid, hydroxydinonyl-, branched, monoammonium salt	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	75908-83-7	Benzenesulfonic acid, oxybis[(1,1,3,3-tetramethylbutyl)-, dipotassium salt	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
Benzidine-based dyes	No CAS RN	Benzidine-based dyes	Carcinogenicity	EC Annex VI CMRs - Cat. 1B; NTP 12th RoC - known; Prop 65	
	6459-94-5	CI Acid Red 114	Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
	2429-74-5	CI Direct Blue 15	Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
	28407-37-6	CI Direct Blue 218	Carcinogenicity	Prop 65	
	72-57-1	Trypan blue	Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
Benzo[b]thiophen-3(2H)-one, (and related compounds)	No CAS RN	Benzo[b]thiophen-3(2H)-one, (and related compounds)			
	14295-43-3	Benzo[b]thiophen-3(2H)-one, 4,7-dichloro-2-(4,7-dichloro- 3-oxobenzo[b]thien-2(3H)-ylidene)-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	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 -	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	2379-75-1	Benzo[b]thiophen-3(2H)-one, 5-chloro-2-(5-chloro-4,7- dimethyl-3-oxobenzo[b]thien-2(3H)-ylidene)-4,7-dimethyl -	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	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-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
Beryllium and Beryllium compounds	No CAS RN	Beryllium and Beryllium compounds	Carcinogenicity; Environmental Toxicity*; Immunotox; Respiratory Tox	CA TACs; CWA 303(d); EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 1; IRIS Carcinogens - B1; NTP 12th RoC - known; OEHHA RELs; Prop 65	Yes
	7440-41-7	Beryllium	Carcinogenicity; Digestive System Toxicity; Immunotox; Respiratory Tox	CA MCLs; CDC 4th National Exposure Report; CWA 303(c); CWA 303(d); EC Annex VI CMRs - Cat. 1B; OEHHA RELs; Prop 65	Yes
	1304-56-9	Beryllium oxide	Carcinogenicity	EC Annex VI CMRs - Cat. 1B; Prop 65	
	13510-49-1	Beryllium sulfate	Carcinogenicity	Prop 65	
Butylbenzyl phthalate and metabolite	No CAS RN	Butylbenzyl phthalate and metabolite			

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	85-68-7	Butylbenzyl phthalate (BBP)	Developmental Tox; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; CWA 303(c); EC Annex VI CMRs - Cat. 1B; EC EDs - Cat. 1; NTP OHAT - Repr. or Dev. Toxicants; Prop 65	Yes
	2528-16-7	Mono-benzyl phthalate (MBzP)	Developmental Tox; Endocrine Tox; Immunotox; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
Cadmium and cadmium compounds	No CAS RN	Cadmium and cadmium compounds	Bioaccumulation; Carcinogenicity; Environ. Persistence; Environmental Toxicity*; Nephrotox, Urinary System; Respiratory Tox; Toxicity undefined*	CA TACs; CWA 303(d); IARC Carcinogens - 1; OEHHA RELs; OSPAR Priority Action Part A	Yes

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	7440-43-9	Cadmium	Bioaccumulation; Carcinogenicity; Developmental Tox; Environ. Persistence; Musculoskeletal Tox; Nephrotox, Urinary System; Neurotox; Reproductive Tox; Respiratory Tox; Toxicity undefined*	ATSDR Neurotoxicants; CA MCLs; CA TACs; CDC 4th National Exposure Report; CECBP - Priority Chemicals; CWA 303(c); CWA 303(d); EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 1; IRIS Carcinogens - B1; OEHHA RELS; OSPAR Priority Action Part A; Prop 65; US EPA NWMP PBTs; WA PBTs	Yes
	7440-43-9	Cadmium (pyrophoric)	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	10108-64-2	Cadmium chloride	Carcinogenicity; Genotoxicity; Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
	No CAS RN	Cadmium compounds	Carcinogenicity; Nephrotox, Urinary System; Respiratory Tox	CA TACs; NTP 12th RoC - known; OEHHA RELS; Prop 65	Yes
	7790-79-6	Cadmium fluoride	Carcinogenicity; Genotoxicity; Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
	1306-19-0	Cadmium oxide, (non-pyrophoric)	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	10124-36-4	Cadmium sulphate	Carcinogenicity; Genotoxicity; Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
	1306-23-6	Cadmium sulphide	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
CCRIS 33 and 28	No CAS RN	CCRIS 33 and 28			
	67730-11-4	Glu-P-1 (2-Amino-6-methyldipyrido[1,2-a:3',2'-d]imidazole)	Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
	67730-10-3	Glu-P-2 (2-Aminodipyrido[1,2-a:3',2'-d]imidazole)	Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
Chlorinated Paraffins	No CAS RN	Chlorinated Paraffins			
	85535-84-8	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	Bioaccumulation; Carcinogenicity; Endocrine Tox; Environ. Persistence; Toxicity undefined*	Canada PBiTs; CECBP - Priority Chemicals; EC EDs - Cat. 1; EC PBTs; OSPAR Priority Action Part A; WA PBTs	Yes
	108171-26-2	Chlorinated Paraffins (C12, 60% Chlorine)	Carcinogenicity	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
Chlorinated phenols	No CAS RN	Chlorinated phenols			
	59-50-7	4-Chloro-3-methylphenol, CHLOR-M-CRESOL	Environmental Toxicity*	CWA 303(d)	
Chloroalkyl ethers	No CAS RN	Chloroalkyl ethers			
	111-44-4	Bis(2-chloroethyl)ether; (BCEE)	Carcinogenicity	CA TACs; CWA 303(c); CWA 303(d); IRIS Carcinogens - B2; Prop 65	Yes
	542-88-1	Bis(chloromethyl) ether; Oxybis(chloromethane), (BCME)	Carcinogenicity; Dermatotoxicity; Neurotox; Respiratory Tox	ATSDR Neurotoxicants; CA TACs; EC Annex VI CMRs - Cat. 1A; IARC Carcinogens - 1; IRIS Carcinogens - A; NTP 12th RoC - known; Prop 65	Yes
	107-30-2	Chloromethyl methyl ether (technical grade), (CMME); Bis(chloromethyl)ether (CAS RN 542-88-1)]	Carcinogenicity; Dermatotoxicity; Ocular Tox; Respiratory Tox	CA TACs; EC Annex VI CMRs - Cat. 1A; IARC Carcinogens - 1; IRIS Carcinogens - A; Prop 65	Yes

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	1634-04-4	Methyl tert-Butyl Ether (MTBE)	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurotox; Ocular Tox	ATSDR Neurotoxicants; CA MCLs; CA TACs; CDC 4th National Exposure Report; EC EDs - Cat. 1; IRIS Neurotoxicants; OEHHA RELs	Yes
Chlorophenols and chlorophenol derivatives	No CAS RN	Chlorophenols and chlorophenol derivatives			
	58-90-2	2,3,4,6-Tetrachlorophenol			
	935-95-5	2,3,5,6-Tetrachlorophenol			
	576-24-9	2,3-Dichlorophenol			
	88-06-2	2,4,6-trichlorophenol	Environmental Toxicity*	CWA 303(d)	
	120-83-2	2,4-Dichlorophenol	Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurotox	CECBP - Priority Chemicals; CWA 303(d)	
	No CAS RN	2,5-Dichlorophenol	Hematotox; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurotox	CECBP - Priority Chemicals	
	87-65-0	2,6-Dichlorophenol			
	95-57-8	2-chlorophenol	Environmental Toxicity*	CWA 303(d)	
	95-77-2	3,4-Dichlorophenol			
	108-43-0	3-Chlorophenol			
	106-48-9	4-Chlorophenol			

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
Clarified oils (petroleum), Heavy Fuel oils	No CAS RN	Clarified oils (petroleum), Heavy Fuel oils			
	64741-62-4	Clarified oils (petroleum), catalytic cracked; Heavy Fuel oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68333-26-6	Clarified oils (petroleum), hydrodesulfurized catalytic cracked; Heavy Fuel oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
Coal distillates	No CAS RN	Coal distillates			
	85029-51-2	Distillates (coal), coke-oven light oil, naphthalene cut; Naphthalene Oil;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	94114-52-0	Distillates (coal), liq. solvent extn., primary;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	94114-57-5	Distillates (coal), solvent extn., hydrocracked hydrogenated middle;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	94114-56-4	Distillates (coal), solvent extn., hydrocracked middle;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	94114-53-1	Distillates (coal), solvent extn., hydrocracked;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68188-48-7	Distillates (coal-petroleum), condensed-ring arom; Distillates;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
Coal liquids, liquid solvent extraction and solution	No CAS RN	Coal liquids, liquid solvent extraction and solution			
	94114-48-4	Coal liquids, liq. solvent extraction	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	94114-47-3	Coal liquids, liq. solvent extraction solution	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
Coal tar distillates	No CAS RN	Coal tar distillates			
	101896-26-8	Distillates (coal tar), benzole fraction, BTX-rich; Light Oil Redistillate, low boiling;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	121620-46-0	Distillates (coal tar), benzole fraction, distn. residues; Wash Oil;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	84650-02-2	Distillates (coal tar), benzole fraction; Light Oil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	91995-42-5	Distillates (coal tar), heavy oils, pyrene fraction; Heavy Anthracene Oil Redistillate;	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	EC Annex VI CMRs - Cat. 1B; EC PBTs	
	90640-86-1	Distillates (coal tar), heavy oils; Heavy Anthracene Oil;	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	EC Annex VI CMRs - Cat. 1B; EC PBTs	
	90640-87-2	Distillates (coal tar), light oils, acid exts.; Light Oil Extract Residues, high boiling;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	90640-88-3	Distillates (coal tar), light oils, alk. exts.; Alkaline Extract;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	101794-90-5	Distillates (coal tar), light oils, neutral fraction; Light Oil Extract Residues, high boiling;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	84650-03-3	Distillates (coal tar), light oils; Carbolic Oil;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	91995-49-2	Distillates (coal tar), naphthalene oil crystn. mother liquor; Naphthalene Oil Redistillate;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	91995-48-1	Distillates (coal tar), naphthalene oils, acid exts.; Methylnaphthalene Oil Extract Residue;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	90640-89-4	Distillates (coal tar), naphthalene oils, alk. exts.; Alkaline Extract;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	101794-91-6	Distillates (coal tar), naphthalene oils, indole-methylnaphthalene fraction; Methylnaphthalene Oil;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	101896-27-9	Distillates (coal tar), naphthalene oils, methylnaphthalene fraction; Methylnaphthalene Oil;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	90640-90-7	Distillates (coal tar), naphthalene oils, naphthalene-free, alk. exts.; Naphthalene Oil Extract Residue;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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	84989-09-3	Distillates (coal tar), naphthalene oils, naphthalene-low; Naphthalene Oil Redistillate;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	84650-04-4	Distillates (coal tar), naphthalene oils; Naphthalene Oil;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	91995-51-6	Distillates (coal tar), pitch, heavy oils; Heavy Anthracene Oil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	91995-52-7	Distillates (coal tar), pitch, pyrene fraction; Heavy Anthracene Oil Redistillate;	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	EC Annex VI CMRs - Cat. 1B; EC PBTs	
	101316-49-8	Distillates (coal tar), pitch; Heavy Anthracene Oil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	84989-10-6	Distillates (coal tar), upper, fluorene-free; Wash Oil Redistillate;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	84989-11-7	Distillates (coal tar), upper, fluorene-rich; Wash Oil Redistillate;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	65996-91-0	Distillates (coal tar), upper; Heavy Anthracene Oil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	65996-92-1	Distillates (coal tar); Heavy Anthracene Oil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	91995-35-6	Distillates (coal), coal tar-residual pyrolysis oils, naphthalene oils; Redistillates;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
Cobalt nickel compounds	No CAS RN	Cobalt nickel compounds			
	58591-45-0	Cobalt nickel dioxide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	68186-89-0	Cobalt nickel gray periclase	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	12737-30-3	Cobalt nickel oxide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	

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DEPARTMENT OF TOXIC SUBSTANCES CONTROL
CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
Cobalt sulfate heptahydrate (and other soluble cobalt(II) salts)	No CAS RN	Cobalt sulfate heptahydrate (and other soluble cobalt(II) salts)	Carcinogenicity	Prop 65	
	10026-24-1	Cobalt sulfate and other soluble cobalt(II) salts	Carcinogenicity	IARC Carcinogens - 2B	
	10124-43-3	Cobalt sulphate	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1; NTP 12th RoC - reasonable; Prop 65	
	10026-24-1	Cobalt sulphate heptahydrate	Carcinogenicity	Prop 65	
Creosote oil and creosote oil acenaphthene fractions and distillates	NO CAS RN	Creosote oil and creosote oil acenaphthene fractions and distillates			
	61789-28-4	Creosote oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	90640-85-0	Creosote oil, acenaphthene fraction, acenaphthene-free; Wash Oil Redistillate;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	90640-84-9	Creosote oil, acenaphthene fraction; Wash Oil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	70321-79-8	Creosote oil, high-boiling distillate; Wash Oil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	70321-80-1	Creosote oil, low-boiling distillate; Wash Oil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
Cyclohexane-1,2-dicarboxylic anhydrides	No CAS RN	Cyclohexane-1,2-dicarboxylic anhydrides			
	13149-00-3	cis-Cyclohexane-1,2-dicarboxylic anhydride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
	85-42-7	Cyclohexane-1,2-dicarboxylic anhydride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
	14166-21-3	trans-Cyclohexane-1,2-dicarboxylic anhydride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	

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CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
Dibutyl phthalate and metabolites	No CAS RN	Dibutyl phthalate and metabolites			
	84-74-2	Dibutyl phthalate (DBP)	Bioaccumulation; Developmental Tox; Endocrine Tox; Environ. Persistence; Hepatotoxicity, Digestive System Tox; Immunotox; Other Hazard Trait; Reproductive Tox; Respiratory Tox; Toxicity undefined*	CA TACs; CDC 4th National Exposure Report; CECBP - Priority Chemicals; CWA 303(c); CWA 303(d); EC Annex VI CMRs - Cat. 1B; EC EDs - Cat. 1; NTP OHAT - Repr. or Dev. Toxicants; OSPAR Priority Action Part A; Prop 65	Yes
	30833-53-5	Mono-isobutyl phthalate	Developmental Tox; Endocrine Tox; Immunotox; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	131-70-4	Mono-n-butyl phthalate (MnBP)	Developmental Tox; Endocrine Tox; Immunotox; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; EC EDs - Cat. 1	Yes
Dichloroethylenes	No CAS RN	Dichloroethylenes	Environmental Toxicity*	CWA 303(d)	
	75-35-4	1,1-Dichloroethene	Carcinogenicity; Hazard Trait Under Review; Hepatotoxicity, Digestive System Tox; Neurotox	ATSDR Neurotoxicants; CA MCLs; CA TACs; CDC 4th National Exposure Report; CWA 303(c); CWA 303(d); OEHHA RELs	Yes

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	156-59-2	cis-1,2-Dichloroethene	Hazard Trait Under Review; Hepatotoxicity, Digestive System Tox	CA MCLs; CDC 4th National Exposure Report; CWA 303(d)	
	156-60-5	trans-1,2-Dichloroethene	Digestive System Toxicity; Environmental Toxicity*; Hazard Trait Under Review; Hepatotoxicity, Digestive System Tox; Immunotox	CA MCLs; CDC 4th National Exposure Report; CWA 303(c); CWA 303(d)	
dichloropropanes	26638-19-7	Dichloropropanes	Environmental Toxicity*	CWA 303(d)	
	78-87-5	1,2-dichloropropane	Environmental Toxicity*	CWA 303(d)	
Dicyclohexyl phthalate and metabolite	No CAS RN	Dicyclohexyl phthalate and metabolite			
	84-61-7	Dicyclohexyl phthalate (DCHP)	Developmental Tox; Endocrine Tox; Immunotox; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; EC EDs - Cat. 1	Yes
	7517-36-4	Mono-cyclohexyl phthalate (MCHP)	Developmental Tox; Endocrine Tox; Immunotox; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
Diethyl hexyl phthalate and metabolites	No CAS RN	Diethyl hexyl phthalate and metabolites			

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CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	117-81-7	Di(2-ethylhexyl)phthalate (DEHP)	Bioaccumulation; Carcinogenicity; Developmental Tox; Digestive System Toxicity; Endocrine Tox; Environ. Persistence; Hepatotoxicity, Digestive System Tox; Immunotox; Reproductive Tox; Respiratory Tox; Toxicity undefined*	CA MCLs; CA TACs; CDC 4th National Exposure Report; CECBP - Priority Chemicals; CWA 303(c); CWA 303(d); EC Annex VI CMRs - Cat. 1B; EC EDs - Cat. 1; IARC Carcinogens - 2A; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; NTP OHAT - Repr. or Dev. Toxicants; OSPAR Priority Action Part A; Prop 65	Yes
	40809-41-4	Mono-(2-ethyl-5-carboxypentyl) phthalate (MECPP)	Developmental Tox; Endocrine Tox; Immunotox; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	40321-99-1	Mono-(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP)	Developmental Tox; Endocrine Tox; Immunotox; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	40321-98-0	Mono-(2-ethyl-5-oxohexyl) phthalate (MEOHP)	Developmental Tox; Endocrine Tox; Immunotox; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	

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DEPARTMENT OF TOXIC SUBSTANCES CONTROL
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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	4376-20-9	Mono-2-ethylhexyl phthalate (MEHP)	Developmental Tox; Endocrine Tox; Immunotox; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; EC EDs - Cat. 1	Yes
Diethyl phthalate and metabolite	No CAS RN	Diethyl phthalate and metabolite			
	84-66-2	Diethyl phthalate (DEP)	Developmental Tox; Endocrine Tox; Immunotox; Other Hazard Trait; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; CWA 303(c); CWA 303(d); EC EDs - Cat. 1	Yes
	2306-33-4	Mono-ethyl phthalate (MEP)	Developmental Tox; Endocrine Tox; Immunotox; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
Diisobutyl phthalate and metabolite	No CAS RN	Diisobutyl phthalate and metabolite			
	84-69-5	Diisobutyl phthalate (DIBP)	Reproductive Tox	CDC 4th National Exposure Report; EC Annex VI CMRs - Cat. 1B	Yes
	30833-53-5	Mono-isobutyl phthalate (MiBP)	Reproductive Tox	CDC 4th National Exposure Report	
Di-isodecyl phthalate and metabolite	No CAS RN	Di-isodecyl phthalate and metabolite			

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DEPARTMENT OF TOXIC SUBSTANCES CONTROL
CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	26761-40-0	Di-isodecyl phthalate (DiDP)	Developmental Tox; Endocrine Tox; Immunotox; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; NTP OHAT - Repr. or Dev. Toxicants; Prop 65	Yes
	NO CAS RN	Mono-(carboxynonyl) phthalate	Developmental Tox; Endocrine Tox; Immunotox; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
Di-isononyl phthalate and metabolites	71549-78-5	Di-isononyl phthalate and metabolites	Reproductive Tox	CECBP - Priority Chemicals	
	28553-12-0	Diisononyl Phthalate; 1,2-Benzenedicarboxylic acid, diisononyl ester (DiNP)	Developmental Tox; Endocrine Tox; Immunotox; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; NTP OHAT - Repr. or Dev. Toxicants	Yes
	NO CAS RN	Mono-(carboxyoctyl) phthalate	Developmental Tox; Endocrine Tox; Immunotox; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	No CAS RN	Mono-(hydroxyisononyl) phthalate	Developmental Tox; Endocrine Tox; Immunotox; Reproductive Tox; Respiratory Tox	CECBP - Priority Chemicals	

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DEPARTMENT OF TOXIC SUBSTANCES CONTROL
CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	No CAS RN	Mono-(oxoisobonyl) phthalate	Developmental Tox; Endocrine Tox; Immunotox; Reproductive Tox; Respiratory Tox	CECBP - Priority Chemicals	
	No CAS RN	Mono-isobonyl phthalate	Developmental Tox; Endocrine Tox; Immunotox; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
Dimethyl phthalate and metabolite	No CAS RN	Dimethyl phthalate and metabolite			
	131-11-3	Dimethyl phthalate (DMP)	Developmental Tox; Endocrine Tox; Environmental Toxicity*; Immunotox; Ocular Tox; Reproductive Tox; Respiratory Tox	CA TACs; CDC 4th National Exposure Report; CECBP - Priority Chemicals; CWA 303(d)	
	4376-18-5	Mono-methyl phthalate (MMP)	Developmental Tox; Endocrine Tox; Immunotox; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
Dimethylphenols	No CAS RN	Dimethylphenols			
Dinitrophenols	No CAS RN	Dinitrophenols			
	51-28-5	Dinitrophenol	Hazard Trait Under Review; Ocular Tox	CA TACs; CWA 303(c); CWA 303(d)	
Dinitrotoluenes	No CAS RN	Dinitrotoluenes			
	602-01-7	2,3-Dinitrotoluene	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	

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DEPARTMENT OF TOXIC SUBSTANCES CONTROL
CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	No CAS RN	2,4-Dinitrotoluene [CAS RN: 121-14-2] and 2,6-Dinitrotoluene [CAS RN: 606-20-2] mixture	Carcinogenicity; Environmental Toxicity*; Neurotox	ATSDR Neurotoxicants; CWA 303(d); EC Annex VI CMRs - Cat. 1B; IRIS Carcinogens - B2	Yes
	121-14-2	2,4-Dinitrotoluene; 2,4-DNT	Carcinogenicity; Hematotox; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurotox; Reproductive Tox	CA TACs; CWA 303(c); CWA 303(d); EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2A; IRIS Neurotoxicants; Prop 65	Yes
	619-15-8	2,5-Dinitrotoluene	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	606-20-2	2,6-Dinitrotoluene	Carcinogenicity; Environmental Toxicity*; Reproductive Tox	CWA 303(d); EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2A; Prop 65	Yes
	610-39-9	3,4-Dinitrotoluene	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	618-85-9	3,5-Dinitrotoluene	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	25321-14-6	Dinitrotoluene mixture, 2,4-/2,6- (isomers); Technical grade	Carcinogenicity; Reproductive Tox	EC Annex VI CMRs - Cat. 1B; Prop 65	
Di-n-Octyl Phthalate and metabolites	No CAS RN	Di-n-Octyl Phthalate and metabolites			
	117-84-0	Di-n-Octyl Phthalate (DNOP)	Developmental Tox; Endocrine Tox; Immunotox; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; NTP OHAT - Repr. or Dev. Toxicants	Yes

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CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	66851-46-5	Mono-(3-carboxypropyl) phthalate (MCP)	Developmental Tox; Endocrine Tox; Immunotox; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	5393-19-1	Mono-n-octyl phthalate (MOP)	Developmental Tox; Endocrine Tox; Immunotox; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
Erionite	12510-42-8	Erionite	Carcinogenicity	EC Annex VI CMRs - Cat. 1A; Prop 65	
	66733-21-9	Erionite	Carcinogenicity	IARC Carcinogens - 1; NTP 12th RoC - known	
Extract oils (coal), coal-tar residual pyrolysis oils; and other distillate fractions, residues	No CAS RN	Extract oils (coal), coal-tar residual pyrolysis oils; and other distillate fractions, residues			
	84989-12-8	Extract oils (coal), acidic, tar-base free; Methyl-naphthalene Oil Extract Residue;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	122070-80-8	Extract oils (coal), coal tar residual pyrolysis oils, naphthalene oil, distn. residues; Redistillates;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	91995-66-3	Extract oils (coal), coal tar-residual pyrolysis oils, naphthalene oil, redistillate; Redistillates;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	122070-79-5	Extract oils (coal), coal tar-residual pyrolysis oils, naphthalene oils; Redistillates;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	90640-99-6	Extract oils (coal), light oil; Acid Extract;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	90641-00-2	Extract oils (coal), naphthalene oils; Acid Extract;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

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	68937-63-3	Extract oils (coal), tar base, collidine fraction; Distillate Bases;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	65996-86-3	Extract oils (coal), tar base; Acid Extract;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	93821-38-6	Extract residues (coal), benzole fraction acid; Light Oil Extract Residues, low boiling;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	91995-61-8	Extract residues (coal), benzole fraction alk., acid ext.; Light Oil Extract Residues, low boiling;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
Extract residues (coal), and other fractions and distillation residues	No CAS RN	Extract residues (coal), and other fractions and distillation residues			
	101316-63-6	Extract residues (coal tar), benzole fraction alk., acid ext.; Light Oil Extract Residues, low boiling	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	91697-23-3	Extract residues (coal), brown; Coal Tar Extract;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	122384-77-4	Extract residues (coal), creosote oil acid; Wash Oil Extract Residue;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	101316-62-5	Extract residues (coal), light oil alk., acid ext., indene fraction; Light Oil Extract Residues, intermediate boiling	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	90641-01-3	Extract residues (coal), light oil alk., acid ext.; Carboic Oil Extract Residue;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	90641-02-4	Extract residues (coal), light oil alk., distn. overheads; Light Oil Extract Residues, low boiling;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	90641-03-5	Extract residues (coal), light oil alk., indene naphtha fraction; Light Oil Extract Residues, high boiling;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	122384-78-5	Extract residues (coal), low temp. coal atar alk.;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	90641-04-6	Extract residues (coal), naphthalene oil alk., distn. overheads; Naphthalene Oil Extract Residue;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	90641-05-7	Extract residues (coal), naphthalene oil alk., distn. residues; Methylnaphthalene Oil Extract Residue;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	121620-48-2	Extract residues (coal), naphthalene oil, alk., naphthalene-low; Naphthalene Oil Extract Residue;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	121620-47-1	Extract residues (coal), naphthalene oil, alk.; Naphthalene Oil Extract Residue;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	90641-06-8	Extract residues (coal), tar oil alk., carbonated, limed; Crude Phenols;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	73665-18-6	Extract residues (coal), tar oil alk., naphthalene distn. residues; Naphthalene Oil Extract Residue;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	65996-87-4	Extract residues (coal), tar oil alk.; Carbolic Oil Extract Residue;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
Extracts (petroleum) and realted distillates and unspecified fractions	No CAS RN	Extracts (petroleum) and realted distillates and unspecified fractions			
	97926-43-7	Extracts (petroleum) heavy naphtha solvent, clay-treated; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	91995-68-5	Extracts (petroleum), catalytic reformed light naphtha solvent; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-61-2	Extracts (petroleum), cold-acid, C4-6; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64742-11-6	Extracts (petroleum), heavy naphthenic distillate solvent	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68783-00-6	Extracts (petroleum), heavy naphthenic distillate solvent, arom. conc.; Distillate aromatic extract (treated)	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	93763-10-1	Extracts (petroleum), heavy naphthenic distillate solvent, hydrodesulfurized; Distillate aromatic extract (treated)	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	90641-07-9	Extracts (petroleum), heavy naphthenic distillate solvent, hydrotreated; Distillate aromatic extract (treated)	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-04-7	Extracts (petroleum), heavy paraffinic distillate solvent	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	92704-08-0	Extracts (petroleum), heavy paraffinic distillate solvent, clay-treated; Distillate aromatic extract (treated)	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	

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	90641-08-0	Extracts (petroleum), heavy paraffinic distillate solvent, hydrotreated; Distillate aromatic extract (treated)	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68814-89-1	Extracts (petroleum), heavy paraffinic distillates, solvent-deasphalted; Distillate aromatic extract (treated)	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	91995-73-2	Extracts (petroleum), hydrotreated light paraffinic distillate solvent; Distillate aromatic extract (treated);	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-03-6	Extracts (petroleum), light naphthenic distillate solvent	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	91995-75-4	Extracts (petroleum), light naphthenic distillate solvent, hydrodesulfurized; Distillate aromatic extract (treated);	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-05-8	Extracts (petroleum), light paraffinic distillate solvent	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	91995-76-5	Extracts (petroleum), light paraffinic distillate solvent, acid-treated; Distillate aromatic extract (treated);	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	100684-02-4	Extracts (petroleum), light paraffinic distillate solvent, carbon-treated; Distillate aromatic extract (treated);	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	100684-03-5	Extracts (petroleum), light paraffinic distillate solvent, clay-treated; Distillate aromatic extract (treated);	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	91995-77-6	Extracts (petroleum), light paraffinic distillate solvent, hydrodesulfurized; Distillate aromatic extract (treated);	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	90641-09-1	Extracts (petroleum), light paraffinic distillate solvent, hydrotreated; Distillate aromatic extract (treated);	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	91995-78-7	Extracts (petroleum), light vacuum gas oil solvent	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	100684-05-7	Extracts (petroleum), light vacuum gas oil solvent, clay-treated; Distillate aromatic extract (treated);	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	91995-79-8	Extracts (petroleum), light vacuum gas oil solvent, hydrotreated; Distillate aromatic extract (treated);	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	100684-04-6	Extracts (petroleum), light vacuum, gas oil solvent, carbon-treated; Distillate aromatic extract (treated);	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	

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	93763-11-2	Extracts (petroleum), solvent-dewaxed heavy paraffinic distillate solvent, hydrodesulfurized; Distillate aromatic extract (treated);	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68783-04-0	Extracts (petroleum), solvent-refined heavy paraffinic distillate solvent; Distillate aromatic extract (treated);	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
Fluorides	No CAS RN	Fluorides	Musculoskeletal Tox; Respiratory Tox	CA MCLs; OEHHA RELs	
	16984-48-8	Fluoride (ion)	Musculoskeletal Tox	CA MCLs; CWA 303(d)	
	7664-39-3	Hydrogen fluoride	Musculoskeletal Tox; Ocular Tox; Respiratory Tox	CA TACs; OEHHA RELs	
Foots oil (petroleum) and other treated and untreated Foots oil	No CAS RN	Foots oil (petroleum) and other treated and untreated Foots oil			
	93924-31-3	Foots oil (petroleum), acid-treated; Foots oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	97862-76-5	Foots oil (petroleum), carbon-treated; Foots oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	93924-32-4	Foots oil (petroleum), clay-treated; Foots oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	92045-12-0	Foots oil (petroleum), hydrotreated; Foots oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	97862-77-6	Foots oil (petroleum), silicic acid-treated; Foots oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-67-2	Foots oil (petroleum); Foots oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
Fuel gases	NO CAS RN	Fuel gases			
	68476-29-9	Fuel gases, crude oil of distillates; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68476-26-6	Fuel gases; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
Fuel oils, high-sulfur; Heavy Fuel oil; (and other residual oils)	No CAS RN	Fuel oils, high-sulfur; Heavy Fuel oil; (and other residual oils)			
	92045-14-2	Fuel oil, heavy, high-sulfur; Heavy Fuel oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68553-00-4	Fuel oil, No 6; Heavy Fuel oil	Bioaccumulation; Carcinogenicity; Environ. Persistence; Environmental Toxicity*; Toxicity undefined*	Canada PBiTs; CWA 303(d); EC Annex VI CMRs - Cat. 1B	Yes
	68476-31-3	Fuel oil, no. 4	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	68476-33-5	Fuel oil, residual; Heavy Fuel oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68476-32-4	Fuel oil, residues-straight-run gas oils, high-sulfur; Heavy Fuel oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	8008-20-6	Fuel Oils / Kerosene	Environmental Toxicity*; Neurotox	ATSDR Neurotoxicants; CWA 303(d)	Yes
Gas oils (oil sand) (and hydrotreated)	128683-30-7	Gas oils (oil sand) (and hydrotreated)	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	128683-29-4	Gas oils (oil sand), hydrotreated	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	97862-78-7	Gas oils, hydrotreated; Gasoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
Gas oils (petroleum), treated fractions	No CAS RN	Gas oils (petroleum), treated fractions			
	64742-12-7	Gas oils (petroleum), acid-treated; Gasoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	64742-29-6	Gas oils (petroleum), chemically neutralized; Gasoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	128683-28-3	Gas oils (petroleum), full-range	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	68783-08-4	Gas oils (petroleum), heavy atmospheric; Heavy Fuel oil	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B	
	64741-57-7	Gas oils (petroleum), heavy vacuum; Heavy Fuel oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	85117-03-9	Gas oils (petroleum), hydrodesulfurized coker heavy vacuum; Heavy Fuel oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-86-5	Gas oils (petroleum), hydrodesulfurized heavy vacuum; Heavy Fuel oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-87-6	Gas oils (petroleum), hydrodesulfurized light vacuum	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	64742-79-6	Gas oils (petroleum), hydrodesulfurized; Gasoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-59-2	Gas oils (petroleum), hydrotreated vacuum; Heavy Fuel oil	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B	
	64741-58-8	Gas oils (petroleum), light vacuum	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	97926-59-5	Gas oils (petroleum), light vacuum, thermal-cracked hydrodesulfurized; Cracked gasoil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64741-90-8	Gas oils (petroleum), solvent-refined; Gasoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	68527-18-4	Gas oils (petroleum), steam-cracked; Cracked gasoil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	92045-29-9	Gas oils (petroleum), thermal-cracked, hydrodesulfurized; Cracked gasoil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
Gases (petroleum), refined, and recovered Refinery gasses	No CAS RN	Gases (petroleum), refined, and recovered Refinery gasses			
	68606-27-9	Gases (petroleum), alkylation feed; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-65-6	Gases (petroleum), amine system feed; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-66-7	Gases (petroleum), benzene unit hydrodesulfurizer off; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68602-82-4	Gases (petroleum), benzene unit hydrotreater depentanizer overheads; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-67-8	Gases (petroleum), benzene unit recycle, hydrogen-rich; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-68-9	Gases (petroleum), blend oil, hydrogen-nitrogen-rich; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-69-0	Gases (petroleum), butane splitter overheads; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68602-83-5	Gases (petroleum), C1-5, wet; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-70-3	Gases (petroleum), C2-3-; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68783-65-3	Gases (petroleum), C2-4, sweetened; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-84-9	Gases (petroleum), C2-return stream; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-33-8	Gases (petroleum), C3-4, isobutane-rich; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	68131-75-9	Gases (petroleum), C3-4; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-83-8	Gases (petroleum), C3-5 olefinic-paraffinic alkylation feed; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-85-0	Gases (petroleum), C4-rich; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-82-7	Gases (petroleum), C6-8 catalytic reformer recycle, hydrogen-rich; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-80-5	Gases (petroleum), C6-8 catalytic reformer recycle; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-81-6	Gases (petroleum), C6-8 catalytic reformer; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68952-76-1	Gases (petroleum), catalytic cracked naphtha debutanizer; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-73-6	Gases (petroleum), catalytic cracked naphtha depropanizer overhead, C3-rich acid-free; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68409-99-4	Gases (petroleum), catalytic cracked overheads; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-75-8	Gases (petroleum), catalytic cracker, C1-5-rich; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-74-7	Gases (petroleum), catalytic cracker; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68783-64-2	Gases (petroleum), catalytic cracking; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-76-9	Gases (petroleum), catalytic polymd. naphtha stabilizer overhead, C2-4-rich; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-77-0	Gases (petroleum), catalytic reformed naphtha stripper overheads; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68513-14-4	Gases (petroleum), catalytic reformed straight-run naphtha stabilizer overheads; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	68477-79-2	Gases (petroleum), catalytic reformer, C1-4-rich; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-71-4	Gases (petroleum), catalytic-cracked gas oil depropanizer bottoms, C4-rich acid-free; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-72-5	Gases (petroleum), catalytic-cracked naphtha debutanizer bottoms, C3-5-rich; Petroleum gas;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68989-88-8	Gases (petroleum), crude distn. and catalytic cracking; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68918-99-0	Gases (petroleum), crude oil fractionation off; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-86-1	Gases (petroleum), deethanizer overheads; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68919-00-6	Gases (petroleum), dehexanizer off; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-87-2	Gases (petroleum), deisobutanizer tower overheads; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68606-34-8	Gases (petroleum), depropanizer bottoms fractionation off; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-90-7	Gases (petroleum), depropanizer dry, propene-rich; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-91-8	Gases (petroleum), depropanizer overheads; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68919-01-7	Gases (petroleum), distillate unifier desulfurization stripper off; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-92-9	Gases (petroleum), dry sour, gas-concn.-unit-off; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68919-02-8	Gases (petroleum), fluidized catalytic cracker fractionation off; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68919-03-9	Gases (petroleum), fluidized catalytic cracker scrubbing secondary absorber off; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	68919-20-0	Gases (petroleum), fluidized catalytic cracker splitter overheads; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68513-15-5	Gases (petroleum), full-range straight-run naphtha dehexanizer off; petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-93-0	Gases (petroleum), gas concn. reabsorber distn.; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92045-15-3	Gases (petroleum), gas oil diethanolamine scrubber off; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92045-16-4	Gases (petroleum), gas oil hydrodesulfurization effluent; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92045-17-5	Gases (petroleum), gas oil hydrodesulfurization purge; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-94-1	Gases (petroleum), gas recovery plant depropanizer overheads; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-95-2	Gases (petroleum), Girbotol unit feed; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68919-04-0	Gases (petroleum), heavy distillate hydrotreater desulfurization stripper off; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68513-16-6	Gases (petroleum), hydrocracking depropanizer off, hydrocarbon-rich; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68783-06-2	Gases (petroleum), hydrocracking low-pressure separator; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-96-3	Gases (petroleum), hydrogen absorber off; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92045-18-6	Gases (petroleum), hydrogenator effluent flash drum off; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-97-4	Gases (petroleum), hydrogen-rich; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68911-58-0	Gases (petroleum), hydrotreated sour kerosine depentanizer stabilizer off; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	68911-59-1	Gases (petroleum), hydrotreated sour kerosine flash drum; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-98-5	Gases (petroleum), hydrotreater blend oil recycle, hydrogen-nitrogen-rich; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-99-6	Gases (petroleum), isomerized naphtha fractionator, C4-rich, hydrogen sulfide-free; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68919-05-1	Gases (petroleum), light straight run gasoline fractionation stabilizer off; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68513-17-7	Gases (petroleum), light straight-run naphtha stabilizer off; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92045-19-7	Gases (petroleum), naphtha steam cracking high-pressure residual; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68919-06-2	Gases (petroleum), naphtha unifiner desulfurization stripper off; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68527-15-1	Gases (petroleum), oil refinery gas distn. off; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68814-90-4	Gases (petroleum), platformer products separator off; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68919-07-3	Gases (petroleum), platformer stabilizer off, light ends fractionation; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68919-08-4	Gases (petroleum), preflash tower off, crude distn.; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68478-00-2	Gases (petroleum), recycle, hydrogen-rich; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68783-07-3	Gases (petroleum), refinery blend; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68814-67-5	Gases (petroleum), refinery; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68513-18-8	Gases (petroleum), reformer effluent high-pressure flash drum off; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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	68513-19-9	Gases (petroleum), reformer effluent low-pressure flash drum off; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68478-01-3	Gases (petroleum), reformer make-up, hydrogen-rich; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68478-04-6	Gases (petroleum), reforming hydrotreater make-up, hydrogen-rich; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68478-03-5	Gases (petroleum), reforming hydrotreater, hydrogen-methane-rich; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68478-02-4	Gases (petroleum), reforming hydrotreater; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92045-20-0	Gases (petroleum), residue visbaking off; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68602-84-6	Gases (petroleum), secondary absorber off, fluidized catalytic cracker overheads fractionator; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68955-33-9	Gases (petroleum), sponge absorber off, fluidized catalytic cracker and gas oil desulfurizer overhead fractionation; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92045-22-2	Gases (petroleum), steam-cracker C3-rich; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68955-34-0	Gases (petroleum), straight-run naphtha catalytic reformer stabilizer overhead; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68919-09-5	Gases (petroleum), straight-run naphtha catalytic reforming off; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68919-10-8	Gases (petroleum), straight-run stabilizer off; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68919-11-9	Gases (petroleum), tar stripper off; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68478-05-7	Gases (petroleum), thermal cracking distn.; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68919-12-0	Gases (petroleum), unfiner stripper off; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	68955-28-2	Gases (petroleum, light steam-cracked, butadiene conc.; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
Gasoline (automotive, refined, processed, recovered, and other unspecified fractions)	No CAS RN	Gasoline (automotive, refined, processed, recovered, and other unspecified fractions)			
	93572-29-3	Gasoline, C5-11, high-octane stabilised reformed; Low boiling point cat-reformed naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	94114-55-3	Gasoline, coal solvent extn., hydrocracked naphtha	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	8006-61-9	Gasoline, natural; Low boiling point naphtha	Carcinogenicity; Environmental Toxicity*; Genotoxicity; Neurotox	ATSDR Neurotoxicants; CWA 303(d); EC Annex VI CMRs - Cat. 1B	Yes
	68606-10-0	Gasoline, pyrolysis, debutanizer bottoms; Low boiling point naphtha - unspecified;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	94114-03-1	Gasoline, pyrolysis, hydrogenated; Low boiling point naphtha-unspecified;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68606-11-1	Gasoline, straight-run, topping-plant; Low boiling point naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68514-15-8	Gasoline, vapor-recovery; Low boiling point naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	86290-81-5	Gasoline; Low boiling point naphtha - unspecified	Bioaccumulation; Carcinogenicity; Environ. Persistence; Genotoxicity; Toxicity undefined*	Canada PBITs; EC Annex VI CMRs - Cat. 1B	
Glycol ethers	No CAS RN	Glycol ethers	Respiratory Tox	CA TACs	
	112-49-2	1,2-Bis(2-methoxyethoxy)ethane; TEGDME; triethylene glycol dimethyl ether; triglyme	Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
	110-71-4	1,2-Dimethoxyethane; Ethylene glycol dimethyl ether; (EGDME)	Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
	111-76-2	2-Butoxyethanol, Ethylene glycol monobutyl ether (EGBE)	Respiratory Tox	OEHHA RELs	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	110-80-5	Ethylene glycol monoethyl ether; 2-Ethoxyethanol	Developmental Tox; Hazard Trait Under Review; Hematotox; Reproductive Tox	CA TACs; EC Annex VI CMRs - Cat. 1B; OEHHA RELs; Prop 65	Yes
	109-86-4	Ethylene glycol monomethyl ether; Methylcellosolve; 2-Methoxyethanol	Developmental Tox; Hazard Trait Under Review; Reproductive Tox	CA TACs; EC Annex VI CMRs - Cat. 1B; OEHHA RELs; Prop 65	Yes
	57018-52-7	Propylene glycol mono-t-butyl ether	Carcinogenicity	Prop 65	
	107-98-2	Propyleneglycol monomethyl ether	Hepatotoxicity, Digestive System Tox; Neurotox	IRIS Neurotoxicants; OEHHA RELs	Yes
Glycol ethers acetate	No CAS RN	Glycol ethers acetate			
	111-15-9	Ethylene glycol monoethyl ether acetate; 2-Ethoxyethyl acetate	Developmental Tox; Neurotox; Reproductive Tox	EC Annex VI CMRs - Cat. 1B; OEHHA RELs; Prop 65	Yes
	110-49-6	Ethylene glycol monomethyl ether acetate; 2-Methoxyethyl acetate	Developmental Tox; Reproductive Tox	EC Annex VI CMRs - Cat. 1B; OEHHA RELs; Prop 65	Yes
Hexabromocyclododecane (HBCD), and mixed isomers	No CAS RN	Hexabromocyclododecane (HBCD), and mixed isomers			
	3194-55-6	1,2,5,6,9,10-Hexabromocyclododecane (HBCD) (mixed isomers)	Bioaccumulation; Endocrine Tox; Environ. Persistence; Neurotox; Reproductive Tox; Toxicity undefined*	Canada PBiTs; CECBP - Priority Chemicals	Yes
	25637-99-4	Hexabromocyclododecane	Bioaccumulation; Environ. Persistence; Toxicity undefined*	EC PBTs; WA PBTs	
Hexahydro-4-methylphthalic anhydride	19438-60-9	Hexahydro-4-methylphthalic anhydride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	

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DEPARTMENT OF TOXIC SUBSTANCES CONTROL
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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	48122-14-1	Hexahydro-1-methylphthalic anhydride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
	57110-29-9	Hexahydro-3-methylphthalic anhydride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
	25550-51-0	Hexahydromethylphthalic anhydride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
Hydrazine, Hydrazine compounds and salts	No CAS RN	Hydrazine, Hydrazine compounds and salts			
	148434-03-1	Hydrazine bis(3-carboxy-4-hydroxybenzenesulfonate)	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	10034-93-2	Hydrazine sulfate	Carcinogenicity	Prop 65	
	302-01-2	Hydrazine, and salts of	Carcinogenicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Respiratory Tox	CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; OEHHA RELs; Prop 65	Yes
	4682-01-3	Hydrazine-trinitromethane	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
Hydrocarbons, treated and distilled, various fractions and residues	No CAS RN	Hydrocarbons, treated and distilled, various fractions and residues			
	97722-04-8	Hydrocarbons C26-55, aromatic-rich	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68476-44-8	Hydrocarbons, C>3	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
	68476-50-6	Hydrocarbons, C≥5, C5-6-rich; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	97722-08-2	Hydrocarbons, C11-17, solvent-extd. light naphthenic; Gasoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	97675-86-0	Hydrocarbons, C12-20, hydrotreated paraffinic, distn. lights; Gasoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	129566-94-5	Hydrocarbons, C12-25, dehydrated used lubricating oil distillates	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
	68527-16-2	Hydrocarbons, C1-3; Petroleum gas;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	97722-09-3	Hydrocarbons, C13-27, solvent-extd. light naphthenic; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	95371-04-3	Hydrocarbons, C13-30, arom.-rich, solvent-extd. naphthenic distillate; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68527-19-5	Hydrocarbons, C1-4, debutanizer fraction; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68514-36-3	Hydrocarbons, C1-4, sweetened; Petroleum gas;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68514-31-8	Hydrocarbons, C1-4; Petroleum gas;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	97722-10-6	Hydrocarbons, C14-29, solvent-extd. light naphthenic; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	97675-85-9	Hydrocarbons, C16-20, hydrotreated middle distillate, distn. lights; Gasoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	95371-05-4	Hydrocarbons, C16-32, arom. rich, solvent-extd. naphthenic distillate; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	97862-82-3	Hydrocarbons, C17-30, hydrotreated distillates, distn. lights; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	97675-87-1	Hydrocarbons, C17-30, hydrotreated solvent-deasphalted atm. distn. residue, distn. lights; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	97722-06-0	Hydrocarbons, C17-40, hydrotreated solvent-deasphalted distn. residue, vacuum distn. lights; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	93924-61-9	Hydrocarbons, C20-50, residual oil hydrogenation vacuum distillate; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	90640-95-2	Hydrocarbons, C20-50, solvent dewaxed heavy paraffinic, hydrotreated; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	97926-70-0	Hydrocarbons, C20-58, hydrotreated; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68476-49-3	Hydrocarbons, C2-4, C3-rich; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68606-25-7	Hydrocarbons, C2-4; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68476-47-1	Hydrocarbons, C2-6, C6-8 catalytic reformer; Low boiling point cat-reformed naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	97862-81-2	Hydrocarbons, C27-42, dearomatized; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	97926-71-1	Hydrocarbons, C27-42, naphthenic; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	97926-68-6	Hydrocarbons, C27-45, dearomatized; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	97862-83-4	Hydrocarbons, C27-45, naphthenic vacuum distn.; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68606-26-8	Hydrocarbons, C3; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68476-46-0	Hydrocarbons, C3-11, catalytic cracker distillates; Low boiling point cat-cracked naphtha;	Bioaccumulation; Carcinogenicity; Environ. Persistence; Genotoxicity; Toxicity undefined*	Canada PBITs; EC Annex VI CMRs - Cat. 1B	
	68476-40-4	Hydrocarbons, C3-4; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68512-91-4	Hydrocarbons, C3-4-rich, petroleum distillate; Petroleum gas;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	102110-14-5	Hydrocarbons, C3-6, C5-rich, steam-cracked naphtha; Low boiling point naphtha - unspecified;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	95371-08-7	Hydrocarbons, C37-65, hydrotreated deasphalted vacuum distn. residues; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	87741-01-3	Hydrocarbons, C4	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	95465-89-7	Hydrocarbons, C4, 1,3-butadiene- and isobutene-free; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92045-23-3	Hydrocarbons, C4, steam-cracker distillate; Petroleum gas;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92045-63-1	Hydrocarbons, C4-11, naphtha-cracking, arom.-free; Low BP naphtha - unspecified;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92045-61-9	Hydrocarbons, C4-12, naphtha-cracking, hydrotreated; low BPhydrogen treated naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68476-42-6	Hydrocarbons, C4-5; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	91995-38-9	Hydrocarbons, C4-6, depentanizer lights, arom. hydrotreater; Low boiling point naphtha - unspecified;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	93572-36-2	Hydrocarbons, C5-11, nonaroms.-rich, reforming light fraction; Low boiling point cat-reformed naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	102110-15-6	Hydrocarbons, C5-rich, dicyclopentadiene-contg.; Low boiling point naphtha - unspecified;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68476-55-1	Hydrocarbons, C5-rich; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	93763-33-8	Hydrocarbons, C6-11, hydrotreated, dearomatized; Low boiling point hydrogen treated naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92045-64-2	Hydrocarbons, C6-7, naphtha-cracking, solvent-refined; Low BP modified naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	101316-66-9	Hydrocarbons, C6-8, hydrogenated sorption-dearomatized, toluene raffination; Low boiling point naphtha - unspecified;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	101316-67-0	Hydrocarbons, C6-rich, hydrotreated light naphtha distillates, solvent-refined; Low boiling point modified naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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DEPARTMENT OF TOXIC SUBSTANCES CONTROL
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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	93572-35-1	Hydrocarbons, C7-12, C≥9-arom.-rich, reforming heavy fraction; Low boiling point cat-reformed naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92045-62-0	Hydrocarbons, C8-11, naphtha-cracking, toluene cut; low BP naphtha - unspecified;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	101794-97-2	Hydrocarbons, C8-12, catalytic cracker distillates; Low boiling point cat-cracked naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	101896-28-0	Hydrocarbons, C8-12, catalytic cracking, chem. neutralized, sweetened; Low boiling point cat-cracked naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92128-94-4	Hydrocarbons, C8-12, catalytic-cracking, chem. neutralized; Low BP cat-cracked naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	93763-34-9	Hydrocarbons, C9-12, hydrotreated, dearomatized; Low boiling point hydrogen treated naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	93763-38-3	Hydrocarbons, hydrocracked paraffinic distn. residues, solvent-dewaxed; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	92045-55-1	Hydrocarbons, hydrotreated light naphtha distillates, solvent-refined; Low boiling point modified naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	95371-07-6	Hydrocarbons,C37-68, dewaxed deasphalted hydrotreated vacuum distn. residues; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
Hydroxy - Polychlorinated biphenyl (PCB)	No CAS RN	Hydroxy - Polychlorinated biphenyl (PCB)			
	No CAS RN	3'-Hydroxy-PCB 138	Hazard Trait Under Review	CECBP - Priority Chemicals	
	No CAS RN	3'-Hydroxy-PCB 180	Hazard Trait Under Review	CECBP - Priority Chemicals	
	No CAS RN	3-Hydroxy-PCB 153	Hazard Trait Under Review	CECBP - Priority Chemicals	
	No CAS RN	4'-Hydroxy-PCB 130	Hazard Trait Under Review	CECBP - Priority Chemicals	
	No CAS RN	4'-Hydroxy-PCB 172	Hazard Trait Under Review	CECBP - Priority Chemicals	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	No CAS RN	4'-Hydroxy-PCB 193	Hazard Trait Under Review	CECBP - Priority Chemicals	
	No CAS RN	4-Hydroxy-PCB 107	Hazard Trait Under Review	CECBP - Priority Chemicals	
	No CAS RN	4-Hydroxy-PCB 120	Hazard Trait Under Review	CECBP - Priority Chemicals	
	No CAS RN	4-Hydroxy-PCB 146	Hazard Trait Under Review	CECBP - Priority Chemicals	
	No CAS RN	4-Hydroxy-PCB 187	Hazard Trait Under Review	CECBP - Priority Chemicals	
Hydroxy- Polybrominated diphenyl ethers (PBDEs)	No CAS RN	Hydroxy- Polybrominated diphenyl ethers (PBDEs)			
	No CAS RN	2'-Hydroxy-BDE 68	Hazard Trait Under Review	CECBP - Priority Chemicals	
	No CAS RN	4'-Hydroxy-BDE 101	Hazard Trait Under Review	CECBP - Priority Chemicals	
	No CAS RN	4'-Hydroxy-BDE 103	Hazard Trait Under Review	CECBP - Priority Chemicals	
	No CAS RN	4'-Hydroxy-BDE 17	Hazard Trait Under Review	CECBP - Priority Chemicals	
	No CAS RN	4'-Hydroxy-BDE 49	Hazard Trait Under Review	CECBP - Priority Chemicals	
	No CAS RN	5'-Hydroxy-BDE 100	Hazard Trait Under Review	CECBP - Priority Chemicals	
	No CAS RN	5'-Hydroxy-BDE 99	Hazard Trait Under Review	CECBP - Priority Chemicals	
	No CAS RN	5-Hydroxy-BDE 47	Hazard Trait Under Review	CECBP - Priority Chemicals	
	No CAS RN	6-Hydroxy-BDE 47	Hazard Trait Under Review	CECBP - Priority Chemicals	
Hydroxy-Chlorobiphenyls	No CAS RN	Hydroxy-Chlorobiphenyls			

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	67651-37-0	3-Hydroxy-2',3',4',5'-tetrachlorobiphenyl	Endocrine Tox	EC EDs - Cat. 1	
	100702-98-5	4,4'-Dihydroxy-2,3,5,6-tetrachlorobiphenyl	Endocrine Tox	EC EDs - Cat. 1	
	13049-13-3	4,4'-Dihydroxy-3,3',5,5'-tetrachlorobiphenyl	Endocrine Tox	EC EDs - Cat. 1	
	No CAS RN	4-Hydroxy-2,2',4',5,5'-pentachlorobiphenyl	Endocrine Tox	EC EDs - Cat. 1	
	111810-41-4	4-Hydroxy-3,3',4',5'-tetrachlorobiphenyl	Endocrine Tox	EC EDs - Cat. 1	
Jet Fuels, JP-4, JP-5, JP-7 and JP-8	50815-00-4	Jet Fuels, JP-4, JP-5, JP-7 and JP-8	Neurotox	ATSDR Neurotoxicants	
	8008-20-6	Jet Fuels JP-5 and JP-8	Environmental Toxicity*; Neurotox	ATSDR Neurotoxicants; CWA 303(d)	Yes
Lead and Lead Compounds	No CAS RN	Lead and Lead Compounds	Bioaccumulation; Environ. Persistence; Hematotox; Hepatotoxicity, Digestive System Tox; Neurotox; Toxicity undefined*	CA TACs; US EPA TRI PBTs	Yes
	7439-92-1	Lead	Bioaccumulation; Carcinogenicity; Cardiovascular Tox; Developmental Tox; Environ. Persistence; Hematotox; Nephrotox, Urinary System; Neurotox; Reproductive Tox; Toxicity undefined*	ATSDR Neurotoxicants; CA MCLs; CA TACs; CDC 4th National Exposure Report; CECBP - Priority Chemicals; CWA 303(c); CWA 303(d); IARC Carcinogens - 2B; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; OSPAR Priority Action Part A; Prop 65; US EPA NWMP PBTs; US EPA TRI PBTs; WA PBTs	Yes
	15245-44-0	Lead 2,4,6-trinitro-m-phenylene dioxide; Lead styphnate	Reproductive Tox	EC Annex VI CMRs - Cat. 1A	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	301-04-2	Lead acetate; lead di(acetate)	Carcinogenicity; Reproductive Tox	EC Annex VI CMRs - Cat. 1A; Prop 65	
	No CAS RN	Lead alkyls	Reproductive Tox	EC Annex VI CMRs - Cat. 1A	
	7758-97-6	Lead chromate	Carcinogenicity; Reproductive Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B	
	12656-85-8	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	Carcinogenicity; Reproductive Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B	
	68784-75-8	Lead compounds	Carcinogenicity; Neurotox; Reproductive Tox	ATSDR Neurotoxics; EC Annex VI CMRs - Cat. 1A; IARC Carcinogens - 2A; IRIS Carcinogens - B2; Prop 65	
	13424-46-9	Lead diazide, Lead azide	Reproductive Tox	EC Annex VI CMRs - Cat. 1A	
	25808-74-6	Lead hexafluorosilicate	Reproductive Tox	EC Annex VI CMRs - Cat. 1A	
	7446-27-7	Lead phosphate	Carcinogenicity; Reproductive Tox	EC Annex VI CMRs - Cat. 1A; Prop 65	
	1335-32-6	Lead subacetate, lead acetate, basic	Carcinogenicity; Reproductive Tox	EC Annex VI CMRs - Cat. 1A; Prop 65	
	1344-37-2	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	Carcinogenicity; Reproductive Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B	
	17570-76-2	Lead(II) methanesulphonate	Reproductive Tox	EC Annex VI CMRs - Cat. 1A	
	No CAS RN	Organic lead compounds	Bioaccumulation; Environ. Persistence; Toxicity undefined*	OSPAR Priority Action Part A	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	78-00-2	Tetraethyl lead			
	75-74-1	Tetramethyllead	Bioaccumulation; Environ. Persistence; Toxicity undefined*	EC PBTs	
Lubricating oils (petroleum), various treated, extracted fractions; Baseoil - unspecified	No CAS RN	Lubricating oils (petroleum), various treated, extracted fractions; Baseoil - unspecified			
	93572-43-1	Lubricating oils (petroleum), base oils, paraffinic; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	101316-69-2	Lubricating oils (petroleum), C >25, solvent-extd., deasphalted, dewaxed, hydrogenated; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	72623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	101316-70-5	Lubricating oils (petroleum), C17-32, solvent-extd., dewaxed, hydrogenated; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	92045-42-6	Lubricating oils (petroleum), C17-35, solvent-extd., dewaxed, hydrotreated; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	97488-95-4	Lubricating oils (petroleum), C18-27, hydrocracked solvent-dewaxed; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	94733-15-0	Lubricating oils (petroleum), C18-40, solvent-dewaxed hydrocracked distillate-based; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	94733-16-1	Lubricating oils (petroleum), C18-40, solvent-dewaxed hydrogenated raffinate-based; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	101316-71-6	Lubricating oils (petroleum), C20-35, solvent-extd., dewaxed, hydrogenated; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	72623-85-9	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, high-viscosity; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	72623-87-1	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	101316-72-7	Lubricating oils (petroleum), C24-50, solvent-extd., dewaxed, hydrogenated; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	92045-43-7	Lubricating oils (petroleum), hydrocracked nonarom. solvent-deparaffined; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	125471-97-8	Lubricating oils (petroleum), hydrotreated, used, distn. residues	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
Lubricating oils, - used, distilled, refined used, and treated fractions	No CAS RN	Lubricating oils, - used, distilled, refined used, and treated fractions			
	68476-77-7	Lubricating oils, refined used	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	70514-12-4	Lubricating oils, used	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	132538-91-1	Lubricating oils, used, distd., C5-18 fraction	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	132538-93-3	Lubricating oils, used, distd., light oil	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	129893-17-0	Lubricating oils, used, residues	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	92045-41-5	Lubricating oils, used, vacuum distd.	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	129893-18-1	Lubricating oils, used, vacuum distd., clay-treated	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
Mercury and mercury compounds	No CAS RN	Mercury and mercury compounds	Bioaccumulation; Carcinogenicity; Cardiovascular Tox; Dermatotoxicity; Developmental Tox; Digestive System Toxicity; Environ. Persistence; Nephrotox, Urinary System; Neurotox; Toxicity undefined*	ATSDR Neurotoxicants; CA MCLs; CA TACs; CDC 4th National Exposure Report; CECBP - Priority Chemicals; CWA 303(c); OEHHA RELs; OSPAR Priority Action Part A; US EPA TRI PBTs	Yes
	7439-97-6	Mercury (inorganic)	Bioaccumulation; Carcinogenicity; Cardiovascular Tox; Developmental Tox; Environ. Persistence; Nephrotox, Urinary System; Neurotox; Reproductive Tox; Toxicity undefined*	CECBP - Priority Chemicals; CWA 303(c); CWA 303(d); IRIS Neurotoxicants; OEHHA RELs; OSPAR Priority Action Part A; US EPA NWMP PBTs	Yes
	No CAS RN	Methyl mercury compounds	Bioaccumulation; Carcinogenicity; Developmental Tox; Environ. Persistence; Neurotox; Reproductive Tox; Toxicity undefined*	CWA 303(c); IARC Carcinogens - 2B; IRIS Neurotoxicants; Prop 65; WA PBTs	Yes
	No CAS RN	Organic mercury compounds	Bioaccumulation; Developmental Tox; Environ. Persistence; Neurotox; Reproductive Tox; Toxicity undefined*	CWA 303(c); EC Annex VI CMRs - Cat. 1B; OSPAR Priority Action Part A; Prop 65	Yes

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
Methylene diphenyl diisocyanates	No CAS RN	Methylene diphenyl diisocyanates			
	2536-05-2	2,2'-methylenediphenyl diisocyanate; diphenylmethane-2,2'-diisocyanate	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
	101-68-8	Methylene diphenyl isocyanate; 4,4'-methylenediphenyl diisocyanate	Musculoskeletal Tox; Respiratory Tox	CA TACs; EC Annex VI Resp. Sens. - Cat. 1; OEHHA RELs	Yes
	26447-40-5	methylenediphenyl diisocyanate	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
	5873-54-1	o-(p-isocyanatobenzyl)phenyl isocyanate; diphenylmethane-2,4'-diisocyanate	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
Methylhydrazine and its salts	No CAS RN	Methylhydrazine and its salts	Carcinogenicity	Prop 65	
	302-15-8	Methylhydrazine sulfate	Carcinogenicity; Environmental Toxicity*	CWA 303(d); Prop 65	Yes
Naphtha (petroleum), treated fractions, - unspecified	No CAS RN	Naphtha (petroleum), treated fractions, - unspecified			
	64742-15-0	Naphtha (petroleum), acid-treated; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68603-08-7	Naphtha (petroleum), arom.-contg.; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92045-49-3	Naphtha (petroleum), C4-12, butane-alkylate, isooctane-rich; Low boiling point modified naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68783-09-5	Naphtha (petroleum), catalytic cracked light distd.; Low boiling point cat-cracked naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64742-66-1	Naphtha (petroleum), catalytic dewaxed; Low boiling point naphtha - unspecified	Bioaccumulation; Carcinogenicity; Environ. Persistence; Genotoxicity; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B	
	85116-59-2	Naphtha (petroleum), catalytic reformed light, arom.-free fraction; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	68955-35-1	Naphtha (petroleum), catalytic reformed; Low boiling point cat-reformed naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64742-22-9	Naphtha (petroleum), chemically neutralized heavy; Low boiling point naphtha - unspecified	Bioaccumulation; Carcinogenicity; Environ. Persistence; Genotoxicity; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B	
	64742-23-0	Naphtha (petroleum), chemically neutralized light; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68527-21-9	Naphtha (petroleum), clay-treated full-range straight-run; Low BP naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68527-22-0	Naphtha (petroleum), clay-treated light straight-run; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68527-27-5	Naphtha (petroleum), full-range alkylate, butane-contg.; Low boiling point modified naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64741-64-6	Naphtha (petroleum), full-range alkylate; Low boiling point modified naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68513-02-0	Naphtha (petroleum), full-range coker; Low boiling point naphtha - unspecified	Bioaccumulation; Carcinogenicity; Environ. Persistence; Genotoxicity; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B	
	68919-37-9	Naphtha (petroleum), full-range reformed; Low boiling point cat-reformed naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64741-42-0	Naphtha (petroleum), full-range straight-run; Low boiling point naphtha	Bioaccumulation; Carcinogenicity; Environ. Persistence; Genotoxicity; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B	
	64741-65-7	Naphtha (petroleum), heavy alkylate; Low boiling point modified naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	92045-50-6	Naphtha (petroleum), heavy catalytic cracked, sweetened; Low boiling point cat-cracked naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64741-54-4	Naphtha (petroleum), heavy catalytic cracked; Low boiling point cat-cracked naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64741-68-0	Naphtha (petroleum), heavy catalytic reformed; Low boiling point cat-reformed naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64741-78-2	Naphtha (petroleum), heavy hydrocracked; Low boiling point naphtha - unspecified	Bioaccumulation; Carcinogenicity; Environ. Persistence; Genotoxicity; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B	
	92045-51-7	Naphtha (petroleum), heavy steam-cracked, hydrogenated; Low boiling point hydrogen treated naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	101631-20-3	Naphtha (petroleum), heavy straight run, arom.-contg.; Low boiling point naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64741-41-9	Naphtha (petroleum), heavy straight-run; Low boiling point naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64741-83-9	Naphtha (petroleum), heavy thermal cracked; Low boiling point thermally cracked naphtha	Bioaccumulation; Carcinogenicity; Environ. Persistence; Genotoxicity; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B	
	101316-76-1	Naphtha (petroleum), hydrodesulfurised full-range coker; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92045-52-8	Naphtha (petroleum), hydrodesulfurized full-range; Low boiling point hydrogen treated naphtha	Bioaccumulation; Carcinogenicity; Environ. Persistence; Genotoxicity; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy; Low boiling point hydrogen treated naphtha	Bioaccumulation; Carcinogenicity; Environ. Persistence; Genotoxicity; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B	
	92045-53-9	Naphtha (petroleum), hydrodesulfurized light, dearomatized; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64742-73-0	Naphtha (petroleum), hydrodesulfurized light; Low boiling point hydrogen treated naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	85116-60-5	Naphtha (petroleum), hydrodesulfurized thermal cracked light; Low boiling point hydrogen treated naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64742-48-9	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha	Bioaccumulation; Carcinogenicity; Environ. Persistence; Genotoxicity; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B	
	92045-57-3	Naphtha (petroleum), hydrotreated light steam-cracked; Low boiling point hydrogen treated naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	85116-61-6	Naphtha (petroleum), hydrotreated light, cycloalkane-contg.; Low boiling point hydrogen treated naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64742-49-0	Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92045-58-4	Naphtha (petroleum), isomerization, C6-fraction; Low boiling point modified naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64741-70-4	Naphtha (petroleum), isomerization; Low boiling point modified naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64741-66-8	Naphtha (petroleum), light alkylate; Low boiling point modified naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92045-59-5	Naphtha (petroleum), light catalytic cracked sweetened; Low BP cat-cracked naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	64741-55-5	Naphtha (petroleum), light catalytic cracked; Low boiling point cat-cracked naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68513-03-1	Naphtha (petroleum), light catalytic reformed, arom.-free; Low BP cat-reformed naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64741-63-5	Naphtha (petroleum), light catalytic reformed; Low boiling point cat-reformed naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92201-97-3	Naphtha (petroleum), light heat-soaked, steam-cracked; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64741-69-1	Naphtha (petroleum), light hydrocracked; Low boiling naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68527-23-1	Naphtha (petroleum), light steam-cracked arom.; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	98219-46-6	Naphtha (petroleum), light steam-cracked, debenzenized, thermally treated; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68527-26-4	Naphtha (petroleum), light steam-cracked, debenzenized; Low BP naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	93165-55-0	Naphtha (petroleum), light steam-cracked, hydrogenated; Low boiling point hydrogen treated naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	98219-47-7	Naphtha (petroleum), light steam-cracked, thermally treated; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64742-83-2	Naphtha (petroleum), light steam-cracked; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64741-46-4	Naphtha (petroleum), light straight-run; Low boiling point naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64741-74-8	Naphtha (petroleum), light thermal cracked; Low boiling point thermally cracked naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92045-60-8	Naphtha (petroleum), light, C5-rich, sweetened; Low BP naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68783-66-4	Naphtha (petroleum), light, sweetened; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	64741-92-0	Naphtha (petroleum), solvent-refined heavy; Low boiling point modified naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	97488-96-5	Naphtha (petroleum), solvent-refined hydrodesulfurized heavy; Gasoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64741-84-0	Naphtha (petroleum), solvent-refined light; Low boiling point modified naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68516-20-1	Naphtha (petroleum), steam-cracked middle arom.; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	101795-01-1	Naphtha (petroleum), sweetened light; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64741-87-3	Naphtha (petroleum), sweetened; Low boiling point naphtha - unspecified	Bioaccumulation; Carcinogenicity; Environ. Persistence; Genotoxicity; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B	
	68783-12-0	Naphtha (petroleum), unsweetened; Low boiling point naphtha	Bioaccumulation; Carcinogenicity; Environ. Persistence; Genotoxicity; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B	
	92045-65-3	Naphtha (petroleum), light thermal cracked, sweetened; Low BP thermally cracked naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
Naphthenic oils (petroleum), dewaxed light and heavy; Baseoil - unspecified	No CAS RN	Naphthenic oils (petroleum), dewaxed light and heavy; Baseoil - unspecified			
	64742-68-3	Naphthenic oils (petroleum), catalytic dewaxed heavy; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-69-4	Naphthenic oils (petroleum), catalytic dewaxed light; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-75-2	Naphthenic oils (petroleum), complex dewaxed heavy; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	64742-76-3	Naphthenic oils (petroleum), complex dewaxed light; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
Natural gas (petroleum), condensates - unspecified	No CAS RN	Natural gas (petroleum), condensates - unspecified			
	64741-48-6	Natural gas (petroleum), raw liq. mix; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64741-47-5	Natural gas condensates (petroleum); Low boiling point naphtha - unspecified	Bioaccumulation; Carcinogenicity; Environ. Persistence; Genotoxicity; Toxicity undefined*	Canada PBITs; EC Annex VI CMRs - Cat. 1B	
	129893-21-6	Natural gas condensates, C4-12 distillate	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
	129893-22-7	Natural gas condensates, C5-12 distillate	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
	68919-39-1	Natural gas condensates; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
Nickel acetate	373-02-4	Nickel acetate	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1; Prop 65	
	14998-37-9	Nickel(2+) diacetate	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
Nickel bis(sulfate)s	No CAS RN	Nickel bis(sulfate)s			

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	15699-18-0	Diammonium nickel bis(sulfate)	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	13842-46-1	Nickel dipotassium bis(sulfate)	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
Nickel borides	No CAS RN	Nickel borides			
	12007-01-1	Dinickel boride	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	12619-90-8	Nickel boride	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	12007-00-0	Nickel boride (NiB)	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
Nickel carbonates	No CAS RN	Nickel carbonates			
	65405-96-1	[μ-[carbonato(2-)-O:O']]dihydroxy trinickel	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	12607-70-4	[carbonato(2-)] Tetrahydroxytrinickel	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	16337-84-1	Carbonic acid, nickel salt	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	3333-67-3	Nickel carbonate	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1; Prop 65	
Nickel formates	No CAS RN	Nickel formates			
	68134-59-8	Formic acid, copper nickel salt	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	15843-02-4	Formic acid, nickel salt	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	3349-06-2	Nickel diformate	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
Nickel halides	No CAS RN	Nickel halides			
	13462-88-9	Nickel dibromide	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	10028-18-9	Nickel difluoride	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	13462-90-3	Nickel diiodide	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	11132-10-8	Nickel potassium fluoride	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
Nickel hydroxides	No CAS RN	Nickel hydroxides			
	12054-48-7	Nickel dihydroxide	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	12125-56-3	Nickel hydroxide	Carcinogenicity	Prop 65	
	11113-74-9	Nickel hydroxide (amorphous)	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
Nickel nitrates	No CAS RN	Nickel nitrates			
	13138-45-9	Nickel dinitrate	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	14216-75-2	Nickel, nitric acid salt	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
Nickel oxalates	No CAS RN	Nickel oxalates	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	547-67-1	Nickel oxalate	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	20543-06-0	Oxalic acid, nickel salt	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
Nickel oxides	No CAS RN	Nickel oxides			

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	34492-97-2	Bunsenite	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	12035-36-8	Nickel dioxide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	1313-99-1	Nickel monoxide	Carcinogenicity; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; OEHHA RELs; Prop 65	Yes
	11099-02-8	Nickel oxide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
Nickel phosphates and phosphinates	No CAS RN	Nickel phosphates and phosphinates			
	14448-18-1	Dinickel diphosphate	Carcinogenicity; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI Resp. Sens. - Cat. 1	
	19372-20-4	Diphosphoric acid, nickel(2+) salt	Carcinogenicity; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI Resp. Sens. - Cat. 1	
	18718-11-1	Nickel bis(dihydrogen phosphate)	Carcinogenicity; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI Resp. Sens. - Cat. 1	
	14507-36-9	Nickel bis(phosphinate)	Carcinogenicity; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI Resp. Sens. - Cat. 1	
	14332-34-4	Nickel hydrogen phosphate	Carcinogenicity; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI Resp. Sens. - Cat. 1	
	36026-88-7	Nickel phosphinate	Carcinogenicity; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI Resp. Sens. - Cat. 1	
	17169-61-8	Phosphoric acid, calcium nickel salt	Carcinogenicity; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI Resp. Sens. - Cat. 1	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
Nickel phosphides	No CAS RN	Nickel phosphides			
	12035-64-2	Dinickel phosphide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	65229-23-4	Nickel boron phosphide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
Nickel silicates	No CAS RN	Nickel silicates	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	13775-54-7	Dinickel orthosilicate	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	31748-25-1	Nickel silicate (3:4)	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	21784-78-1	Nickel(II) silicate	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	68130-19-8	Silicic acid, Lead nickel salt	Carcinogenicity; Reproductive Tox	EC Annex VI CMRs - Cat. 1A	
	37321-15-6	Silicic acid, nickel salt	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	12519-85-6	Trihydrogen hydroxybis[orthosilicato(4-)]trinickelate(3-)	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
Nickel silicides	No CAS RN	Nickel silicides			
	12059-14-2	Dinickel silicide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	12201-89-7	Nickel disilicide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
Nickel sulfides	No CAS RN	Nickel sulfides			
	1314-04-1	Millerite	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	16812-54-7	Nickel (II) sulfide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	12035-71-1	Nickel subsulfide; Heazlewoodite	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	11113-75-0	Nickel sulfide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
Nickel, other inorganic compounds	No CAS RN	Nickel, other inorganic compounds			
	68016-03-5	Cobalt dimolybdenum nickel octaoxide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	12004-35-2	Dialuminium nickel tetraoxide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	12031-65-1	Lithium nickel dioxide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	68130-36-9	Molybdenum nickel hydroxide oxide phosphate	Carcinogenicity; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI Resp. Sens. - Cat. 1	
	12673-58-4	Molybdenum nickel oxide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	14177-55-0	Molybdenum nickel tetraoxide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	52502-12-2	Nickel divanadium hexaoxide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	15852-21-8	Nickel tellurium tetraoxide	Carcinogenicity; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI Resp. Sens. - Cat. 1	
	15851-52-2	Nickel tellurium trioxide	Carcinogenicity; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI Resp. Sens. - Cat. 1	
	12653-76-8	Nickel titanium oxide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	12035-39-1	Nickel titanium trioxide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	15780-33-3	Nickel triuranium decaoxide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	

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	70692-93-2	Nickel zirkonium trioxide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	7757-95-1	Nickel(II) sulfite	Carcinogenicity; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI Resp. Sens. - Cat. 1	
Nickel, other organic compounds	No CAS RN	Nickel, other organic compounds			
	72319-19-8	2,7-Naphthalenedisulfonic acid, nickel(II) salt	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	7580-31-6	2-Ethyl-Hexanoic acid, nickel salt	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	18283-82-4	Citric acid, ammonium nickel salt	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	22605-92-1	Citric acid, nickel salt	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	91697-41-5	Fatty acids, C6-19-branched, nickel salts	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	84776-45-4	Fatty acids, C8-18 and C18-unsaturated, nickel salts	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	84852-37-9	Isononanoic acid, nickel(2+) salt (2:1)	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	51818-56-5	Neodecanoic acid, nickel salt	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	52625-25-9	Nickel 3,5-bis(tert-butyl)-4-hydroxybenzoate (1:2)	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	4454-16-4	Nickel bis(2-ethylhexanoate)	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	39819-65-3	Nickel bis(benzenesulfonate)	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	27637-46-3	Nickel isooctanoate	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	18721-51-2	Nickel(II) hydrogen citrate	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	

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	85508-43-6	Nickel(II) isodecanoate	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	29317-63-3	Nickel(II) isooctanoate	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	85508-44-7	Nickel(II) neodecanoate	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	93920-10-6	Nickel(II) neononanoate	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	93920-09-3	Nickel(II) neoundecanoate	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	13654-40-5	Nickel(II) palmitate	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	3349-08-4	Nickel(II) propionate	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	16083-14-0	nickel(II) trifluoroacetate	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	84852-39-1	Nickel, (2-ethylhexanoato-O)(isodecanoato-O)	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	85508-45-8	Nickel, (2-ethylhexanoato-O)(isononanoato-O)	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	85135-77-9	Nickel, (2-ethylhexanoato-O)(neodecanoato-O)	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	84852-36-8	Nickel, (isodecanoato-O)(isononanoato-O)	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	85166-19-4	Nickel, (isodecanoato-O)(isooctanoato-O)	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	85508-46-9	Nickel, (isononanoato-O)(isooctanoato-O)	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	85551-28-6	Nickel, (isononanoato-O)(neodecanoato-O)	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	84852-35-7	Nickel, (isooctanoato-O)(neodecanoato-O)	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	71957-07-8	Nickel, bis(d-gluconato-O1,O2)	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
	93983-68-7	Nickelous 2,2-dimethylhexanoate	Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
Nitrilotriacetic acid (and its salts)	No CAS RN	Nitrilotriacetic acid (and its salts)	Carcinogenicity	IARC Carcinogens - 1	
	139-13-9	Nitrilotriacetic acid	Carcinogenicity	NTP 12th RoC - reasonable; Prop 65	
	18662-53-8	Nitrilotriacetic acid, trisodium salt monohydrate	Carcinogenicity	Prop 65	
Nitro PAHS	No CAS RN	Nitro PAHS			
	75321-20-9	1,3-Dinitropyrene	Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
	42397-64-8	1,6-Dinitropyrene	Carcinogenicity	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
	42397-65-9	1,8-Dinitropyrene	Carcinogenicity	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	

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	5522-43-0	1-Nitropyrene	Carcinogenicity	IARC Carcinogens - 2A; NTP 12th RoC - reasonable; Prop 65	
	607-57-8	2-Nitrofluorene	Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
	581-89-5	2-Nitronaphthalene	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	57835-92-4	4-Nitropyrene	Carcinogenicity	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
	602-87-9	5-Nitroacenaphthene	Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; Prop 65	
	7496-02-8	6-Nitrochrysene	Carcinogenicity	IARC Carcinogens - 2A; NTP 12th RoC - reasonable; Prop 65	
Nitrophenols	No CAS RN	Nitrophenols			
	119-34-6	4-Amino-2-nitrophenol	Carcinogenicity	Prop 65	
	100-02-7	4-Nitrophenol	Environmental Toxicity*	CWA 303(d)	
Nitrosamines	No CAS RN	Nitrosamines			
	70-25-7	1-Methyl-3-Nitro-1-Nitrosoguanidine	Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2A; NTP 12th RoC - reasonable; Prop 65	
	1116-54-7	2,2'-(Nitrosoimino)bisethanol; N-Nitrosodiethanolamine	Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; Prop 65	
	1456-28-6	2,6-Dimethyl-N-nitrosomorpholine (DMNM)	Carcinogenicity	Prop 65	

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	64091-91-4	4-(NNitrosomethylamino)-1-(3-pyridyl)-1-butanone (NNK)	Carcinogenicity; Hazard Trait Under Review	CECBP - Priority Chemicals; IARC Carcinogens - 1; NTP 12th RoC - reasonable; Prop 65	Yes
	55-18-5	N-Nitrosodiethylamine (NDEA)	Carcinogenicity	CA NLS; IARC Carcinogens - 2A; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; Prop 65	Yes
	62-75-9	N-Nitrosodimethylamine (NDMA)	Carcinogenicity; Hepatotoxicity, Digestive System Tox	CA NLS; CA TACs; CWA 303(c); CWA 303(d); EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2A; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; Prop 65	Yes
	924-16-3	N-Nitroso-di-n-butylamine	Carcinogenicity	IARC Carcinogens - 2B; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; Prop 65	
	621-64-7	N-Nitrosodi-n-propylamine (NDPA)	Carcinogenicity	CA NLS; CWA 303(c); CWA 303(d); EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; Prop 65	Yes
	86-30-6	N-Nitrosodiphenylamine	Carcinogenicity	CWA 303(c); CWA 303(d); IRIS Carcinogens - B2; Prop 65	Yes

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	10595-95-6	N-Nitrosomethylethylamine	Carcinogenicity	IARC Carcinogens - 2B; IRIS Carcinogens - B2; Prop 65	
	4549-40-0	N-Nitrosomethylvinylamine	Carcinogenicity	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
	59-89-2	N-Nitrosomorpholine	Carcinogenicity	CA TACs; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	Yes
	759-73-9	N-Nitroso-N-ethylurea	Carcinogenicity	IARC Carcinogens - 2A; NTP 12th RoC - reasonable; Prop 65	
	684-93-5	N-Nitroso-N-methylurea	Carcinogenicity; Dermatotoxicity	CA TACs; IARC Carcinogens - 2A; NTP 12th RoC - reasonable; Prop 65	Yes
	16543-55-8	N-Nitrosornicotine (NNN)	Carcinogenicity	IARC Carcinogens - 1; NTP 12th RoC - reasonable; Prop 65	
	100-75-4	N-Nitrosopiperidine	Carcinogenicity	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
	930-55-2	N-Nitrosopyrrolidine	Carcinogenicity	IARC Carcinogens - 2B; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; Prop 65	
	13256-22-9	N-Nitrososarcosine	Carcinogenicity	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
	156-10-5	p-Nitrosodiphenylamine	Carcinogenicity	Prop 65	

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	121-82-4	RDX (Cyclonite)	Carcinogenicity; Neurotox	ATSDR Neurotoxicants; CA NLS	Yes
Non-chlorinated Phenols	No CAS RN	Non-chlorinated Phenols			
	105-67-9	2,4-Dimethylphenol	Environmental Toxicity*	CWA 303(d)	
	534-52-1	2-Methyl-4,6-dinitrophenol	Environmental Toxicity*	CWA 303(d)	
Nonylphenol, nonylphenol ethoxylates (NP/NPEs) (and related substances)	No CAS RN	Nonylphenol, nonylphenol ethoxylates (NP/NPEs) (and related substances)	Bioaccumulation; Environ. Persistence; Toxicity undefined*	OSPAR Priority Action Part A	
	104-40-5	4-Nonylphenol (4-NP)	Endocrine Tox	EC EDs - Cat. 1	
	25154-52-3	Nonylphenol	Bioaccumulation; Endocrine Tox; Environ. Persistence; Toxicity undefined*	EC EDs - Cat. 1; OSPAR Priority Action Part A	Yes
	9016-45-9	Nonylphenoethoxylate	Bioaccumulation; Endocrine Tox; Environ. Persistence; Toxicity undefined*	EC EDs - Cat. 1; OSPAR Priority Action Part A	Yes
Parabens	No CAS RN	Parabens			
	94-26-8	Butylparaben [includes n-butylparaben and isobutylparaben]	Endocrine Tox; Hazard Trait Under Review; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; EC EDs - Cat. 1	Yes
	120-47-8	Ethyl paraben, Ethyl 4-hydroxybenzoate	Endocrine Tox; Hazard Trait Under Review; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; EC EDs - Cat. 1	Yes
	99-76-3	Methylparaben; Methyl p-Hydroxybenzoate	Endocrine Tox; Hazard Trait Under Review; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; EC EDs - Cat. 1	Yes

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	94-13-3	n-Propylparaben	Endocrine Tox; Hazard Trait Under Review; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; EC EDs - Cat. 1	Yes
Paraffin oils (petroleum)	No CAS RN	Paraffin oils (petroleum)			
	64742-70-7	Paraffin oils (petroleum), catalytic dewaxed light; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-71-8	Paraffin oils (petroleum), catalytic dewaxed light; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	92129-09-4	Paraffin oils (petroleum), solvent-refined dewaxed heavy; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
Paraffin waxes (coal)	No CAS RN	Paraffin waxes (coal)			
	97926-77-7	Paraffin waxes (coal), brown-coal high-temp tar, clay-treated; Coal Tar Extract;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	97926-78-8	Paraffin waxes (coal), brown-coal high-temp tar, silicic acid-treated; Coal Tar Extract;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	97926-76-6	Paraffin waxes (coal), brown-coal high-temp. tar, carbon-treated; Coal Tar Extract;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	92045-72-2	Paraffin waxes (coal), brown-coal-high-temp. tar, hydrotreated; Coal Tar Extract;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	92045-71-1	Paraffin waxes (coal), brown-coal-high-temp. tar; Coal Tar Extract;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
Perboric acid (H3BO2(O2)), and other sodium salts	No CAS RN	Perboric acid (H3BO2(O2)), and other sodium salts			
	13517-20-9	Perboric acid (H3BO2(O2)), monosodium salt, trihydrate	Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
	10332-33-9	Perboric acid (HBO(O2)), sodium salt, monohydrate	Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
	10486-00-7	perboric acid (HBO(O2)), sodium salt, tetrahydrate	Reproductive Tox	EC Annex VI CMRs - Cat. 1B	

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	7632-04-4	Perboric acid, sodium salt	Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
	11138-47-9	Perboric acid, sodium salt	Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
	12040-72-1	Perboric acid, sodium salt, monohydrate	Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
	37244-98-7	Perboric acid, sodium salt, tetrahydrate	Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
	No CAS RN	sodium peroxoborate hexahydrate	Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
Perfluorochemicals	No CAS RN	Perfluorochemicals			
	2991-50-6	2-(N-Ethyl-perfluorooctane sulfonamido) acetic acid (Et-PFOSA-AcOH)	Carcinogenicity; Developmental Tox; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	2355-31-9	2-(N-Methyl-perfluorooctane sulfonamido) acetic acid (Me-PFOSA-AcOH)	Carcinogenicity; Developmental Tox; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	

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CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	59933-66-3	Perfluorobutane sulfonic acid (PFBuS)	Carcinogenicity; Developmental Tox; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	335-76-2	Perfluorodecanoic acid (PFDeA)	Carcinogenicity; Developmental Tox; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	307-55-1	Perfluorododecanoic acid (PFDoA)	Carcinogenicity; Developmental Tox; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	375-85-9	Perfluoroheptanoic acid (PFHpA)	Carcinogenicity; Developmental Tox; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	355-46-4	Perfluorohexane sulfonic acid (PFHxS)	Carcinogenicity; Developmental Tox; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	375-95-1	Perfluorononanoic acid (PFNA)	Carcinogenicity; Developmental Tox; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	754-91-6	Perfluorooctane sulfonamide (PFOSA)	Carcinogenicity; Developmental Tox; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	1763-23-1	Perfluorooctane sulfonic acid (PFOS)	Bioaccumulation; Carcinogenicity; Developmental Tox; Endocrine Tox; Environ. Persistence; Hepatotoxicity, Digestive System Tox; Immunotox; Reproductive Tox; Toxicity undefined*	CDC 4th National Exposure Report; CECBP - Priority Chemicals; EC Annex VI CMRs - Cat. 1B; OSPAR Priority Action Part A; WA PBTs	Yes

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	335-67-1	Perfluorooctanoic acid (PFOA)	Carcinogenicity; Developmental Tox; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	2058-94-8	Perfluoroundecanoic acid (PFUA)	Carcinogenicity; Developmental Tox; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
Petrolatum (petroleum), treated and untreated	No CAS RN	Petrolatum (petroleum), treated and untreated			
	8009-03-8	Petrolatum	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	85029-74-9	Petrolatum (petroleum), alumina-treated; Petrolatum	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	97862-97-0	Petrolatum (petroleum), carbon-treated; Petrolatum	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	100684-33-1	Petrolatum (petroleum), clay-treated; Petrolatum	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	92045-77-7	Petrolatum (petroleum), hydrotreated; Petrolatum	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64743-01-7	Petrolatum (petroleum), oxidized; Petrolatum	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	97862-98-1	Petrolatum (petroleum), silicic acid-treated; Petrolatum	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
Petroleum distillates	No CAS RN	Petroleum distillates			

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	91995-34-5	Distillates (petroleum) catalytic reformer, heavy arom. conc.; Gasoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-18-3	Distillates (petroleum), acid-treated heavy naphthenic; Unrefined or mildly refined baseoil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	64742-20-7	Distillates (petroleum), acid-treated heavy paraffinic; Unrefined or mildly refined baseoil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	64742-19-4	Distillates (petroleum), acid-treated light naphthenic; Unrefined or mildly refined baseoil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	64742-21-8	Distillates (petroleum), acid-treated light paraffinic; Unrefined or mildly refined baseoil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	64742-14-9	Distillates (petroleum), acid-treated light; Gasoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-13-8	Distillates (petroleum), acid-treated middle; Gasoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	91995-31-2	Distillates (petroleum), alkene-alkyne manuf. pyrolysis oil, mixed with high-temp. coal tar, indene fraction; Redistillates;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-34-9	Distillates (petroleum), C3-5, 2-methyl-2-butene-rich; Low boiling point naphtha - unspecified;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-35-0	Distillates (petroleum), C3-6, piperylene-rich; Petroleum gas;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	93165-19-6	Distillates (petroleum), C6-rich; Low boiling point naphtha - unspecified;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	101316-56-7	Distillates (petroleum), C7-9, C8-rich, hydrodesulfurized dearomatized; Low BP naphtha - unspecified;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	100683-97-4	Distillates (petroleum), carbon-treated light paraffinic; Gasoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68475-79-6	Distillates (petroleum), catalytic reformed depentanizer; Low boiling pt. cat-reformed naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	85116-58-1	Distillates (petroleum), catalytic reformed hydrotreated light, C8-12 arom. fraction; Low boiling point cat-reformed naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	68513-63-3	Distillates (petroleum), catalytic reformed straight-run naphtha overheads; Low boiling point cat-reformed naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-29-2	Distillates (petroleum), catalytic reformer fractionator residue, high-boiling; Gasoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68477-30-5	Distillates (petroleum), catalytic reformer fractionator residue, intermediate-boiling; Gasoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68477-31-6	Distillates (petroleum), catalytic reformer fractionator residue, low-boiling; Gasoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-34-3	Distillates (petroleum), chemically neutralized heavy naphthenic; Unrefined or mildly refined baseoil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	64742-27-4	Distillates (petroleum), chemically neutralized heavy paraffinic; Unrefined or mildly refined baseoil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	64742-35-4	Distillates (petroleum), chemically neutralized light naphthenic; Unrefined or mildly refined baseoil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	64742-28-5	Distillates (petroleum), chemically neutralized light paraffinic; Unrefined or mildly refined baseoil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	64742-30-9	Distillates (petroleum), chemically neutralized middle; Gasoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-44-5	Distillates (petroleum), clay-treated heavy naphthenic; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-45-6	Distillates (petroleum), clay-treated light naphthenic; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-37-6	Distillates (petroleum), clay-treated light paraffinic; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-38-7	Distillates (petroleum), clay-treated middle; Gasoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-36-5	Distillates (petroleum), clay-treated paraffinic; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	90640-91-8	Distillates (petroleum), complex dewaxed heavy paraffinci; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	90640-92-9	Distillates (petroleum), complex dewaxed light paraffinic; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68477-38-3	Distillates (petroleum), cracked steam-cracked petroleum distillates; Cracked gasoil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68410-00-4	Distillates (petroleum), crude oil	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
	68477-89-4	Distillates (petroleum), depentanizer overheads; Low boiling point naphtha - unspecified;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	91995-39-0	Distillates (petroleum), dewaxed heavy paraffinic, hydrotreated; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	91995-40-3	Distillates (petroleum), dewaxed light paraffinic, hydrotreated; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	128683-26-1	Distillates (petroleum), full-range atm.	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
	91995-41-4	Distillates (petroleum), heat-soaked steam-cracked naphtha, C5-rich; Low boiling point naphtha - unspecified;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	67891-79-6	Distillates (petroleum), heavy arom.; Low boiling point thermally cracked naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64741-61-3	Distillates (petroleum), heavy catalytic cracked; Heavy Fuel oil;	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	Canada PBITs; EC Annex VI CMRs - Cat. 1B	
	64741-76-0	Distillates (petroleum), heavy hydrocracked; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64741-53-3	Distillates (petroleum), heavy naphthenic; Unrefined or mildly refined baseoil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	64741-51-1	Distillates (petroleum), heavy paraffinic; Unrefined or mildly refined baseoil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	101631-14-5	Distillates (petroleum), heavy steam-cracked; Cracked gasoil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64741-81-7	Distillates (petroleum), heavy thermal cracked; Heavy Fuel oil;	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B	
	90640-93-0	Distillates (petroleum), highly refined middle; Gasoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	97488-73-8	Distillates (petroleum), hydrocracked solvent-refined light; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	91995-45-8	Distillates (petroleum), hydrocracked solvent-refined, dewaxed; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	101316-57-8	Distillates (petroleum), hydrodesulfurized full-range middle; Heavy Fuel oil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68333-28-8	Distillates (petroleum), hydrodesulfurized heavy catalytic cracked; Heavy Fuel oil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68333-27-7	Distillates (petroleum), hydrodesulfurized intermediate catalytic cracked; Heavy Fuel oil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68333-25-5	Distillates (petroleum), hydrodesulfurized light catalytic cracked; Cracked gasoil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	101316-59-0	Distillates (petroleum), hydrodesulfurized middle coker; Cracked gasoil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-80-9	Distillates (petroleum), hydrodesulfurized middle; Gasoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	85116-53-6	Distillates (petroleum), hydrodesulfurized thermal cracked middle; Cracked gasoil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68410-98-0	Distillates (petroleum), hydrotreated heavy naphtha, deisohexanizer overheads; Low boiling point hydrogen treated naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-53-6	Distillates (petroleum), hydrotreated light naphthenic; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-55-8	Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68410-96-8	Distillates (petroleum), hydrotreated middle, intermediate boiling; Low boiling point hydrogen treated naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64742-46-7	Distillates (petroleum), hydrotreated middle; Gasoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	92201-59-7	Distillates (petroleum), intermediate catalytic cracked, thermally degraded; Heavy Fuel oil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64741-60-2	Distillates (petroleum), intermediate catalytic cracked; Cracked gasoil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	100683-98-5	Distillates (petroleum), intermediate paraffinic, carbon-treated; Gasoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	100683-99-6	Distillates (petroleum), intermediate paraffinic, clay-treated; Gasoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	70592-76-6	Distillates (petroleum), intermediate vacuum; Heavy Fuel oil;	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	Canada PBITs; EC Annex VI CMRs - Cat. 1B	
	67891-80-9	Distillates (petroleum), light arom.; Low boiling point thermally cracked naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92201-60-0	Distillates (petroleum), light catalytic cracked, thermally degraded; Cracked gasoil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64741-59-9	Distillates (petroleum), light catalytic cracked; Cracked gasoil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68410-97-9	Distillates (petroleum), light distillate hydrotreating process, low-boiling; Low boiling point hydrogen treated naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	64741-52-2	Distillates (petroleum), light naphthenic; Unrefined or mildly refined baseoil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	64741-50-0	Distillates (petroleum), light paraffinic; Unrefined or mildly refined baseoil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	68475-80-9	Distillates (petroleum), light steam-cracked naphtha; Cracked gasoil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68921-08-4	Distillates (petroleum), light straight-run gasoline fractionation stabilizer overheads; Low boiling point naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68955-29-3	Distillates (petroleum), light thermal cracked, debutanized arom.; Low boiling point thermally cracked naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64741-82-8	Distillates (petroleum), light thermal cracked; Cracked gasoil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	70592-77-7	Distillates (petroleum), light vacuum; Heavy Fuel oil;	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B	
	91995-50-5	Distillates (petroleum), naphtha steam cracking-derived, hydrotreated light arom.; Low boiling point cat-cracked naphtha.;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	91995-53-8	Distillates (petroleum), naphtha steam cracking-derived, solvent-refined light hydrotreated; Low boiling point modified naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68921-09-5	Distillates (petroleum), naphtha unfiner stripper; Low boiling point naphtha - unspecified;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68425-29-6	Distillates (petroleum), naphtha-raffinate pyrolyzate-derived, gasoline-blending; Low boiling point thermally cracked naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68955-27-1	Distillates (petroleum), petroleum residues vacuum; Heavy Fuel oil;	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B	
	68477-50-9	Distillates (petroleum), polyimd. steam-cracked petroleum distillates, C5-12 fraction; Low boiling point naphtha - unspecified;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	90640-94-1	Distillates (petroleum), solvent dewaxed heavy paraffinic, clay-treated; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	90640-96-3	Distillates (petroleum), solvent dewaxed light paraffinic, clay-treated; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	90640-97-4	Distillates (petroleum), solvent dewaxed light paraffinic, hydrotreated; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-63-8	Distillates (petroleum), solvent-dewaxed heavy naphthenic; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-64-9	Distillates (petroleum), solvent-dewaxed light naphthenic; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64741-96-4	Distillates (petroleum), solvent-refined heavy naphthenic; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64741-88-4	Distillates (petroleum), solvent-refined heavy paraffinic; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	94733-09-2	Distillates (petroleum), solvent-refined hydrocracked light; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	97488-74-9	Distillates (petroleum), solvent-refined hydrogenated heavy; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	94733-08-1	Distillates (petroleum), solvent-refined hydrotreated heavy, hydrogenated; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	91995-54-9	Distillates (petroleum), solvent-refined light naphthenic, hydrotreated; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64741-97-5	Distillates (petroleum), solvent-refined light naphthenic; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64741-89-5	Distillates (petroleum), solvent-refined light paraffinic; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	64741-91-9	Distillates (petroleum), solvent-refined middle; Gasoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68477-55-4	Distillates (petroleum), steam-cracked, C5-10 fraction, mixed with light steam-cracked petroleum naphtha C5 fraction; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68477-53-2	Distillates (petroleum), steam-cracked, C5-12 fraction; Low boiling point naphtha - unspecified;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	95009-23-7	Distillates (petroleum), steam-cracked, C8-12 fraction, polymd., distn. lights; Low boiling point naphtha - unspecified;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68410-05-9	Distillates (petroleum), straight-run light; Low boiling point naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64741-86-2	Distillates (petroleum), sweetened middle; Gasoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68603-01-0	Distillates (petroleum), thermal cracked naphtha and gas oil, C5-dimer-contg.; Low boiling point thermally cracked naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68603-03-2	Distillates (petroleum), thermal cracked naphtha and gas oil, extractive; Low boiling point thermally cracked naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68603-00-9	Distillates (petroleum), thermal cracked naphtha and gas oil; Low boiling point thermally cracked naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	70592-78-8	Distillates (petroleum), vacuum; Heavy Fuel oil;	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	Canada PBITs; EC Annex VI CMRs - Cat. 1B	
Petroleum gases, liquefied	No CAS RN	Petroleum gases, liquefied			
	92045-80-2	Petroleum gases, liquefied, sweetened, C4 fraction;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68476-86-8	Petroleum gases, liquefied, sweetened; Petroleum gas;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68476-85-7	Petroleum gases, liquefied; Petroleum gas;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
Petroleum products	No CAS RN	Petroleum products			

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	68514-79-4	Petroleum products, hydrofiner-powerformer reformates; Low BP cat-reformed naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68607-11-4	Petroleum products, refinery gases; Refinery gas;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
Petroleum; Crude oil	No CAS RN	Petroleum; Crude oil			
	8002-05-9	Petroleum distillate	Bioaccumulation; Carcinogenicity; Environ. Persistence; Neurotox; Toxicity undefined*	ATSDR Neurotoxicants; Canada PBiTs; EC Annex VI CMRs - Cat. 1B	
	68815-10-1	Petroleum, sulfurized	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	No CAS RN	Used Mineral-based Crankcase Oil	Environmental Toxicity*; Neurotox	ATSDR Neurotoxicants; CWA 303(d)	Yes
Phenylhydrazine and its salts	No CAS RN	Phenylhydrazine and its salts	Carcinogenicity	Prop 65	
	100-63-0	Phenylhydrazine	Carcinogenicity	EC Annex VI CMRs - Cat. 1B; Prop 65	
	27140-08-5	Phenylhydrazine hydrochloride	Carcinogenicity	EC Annex VI CMRs - Cat. 1B; Prop 65	
	59-88-1	Phenylhydrazinium chloride	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	52033-74-6	Phenylhydrazinium sulphate	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
Piperazine salts	No CAS RN	Piperazine salts			
	142-64-3	Piperazine dihydrochloride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
	6094-40-2	Piperazine hydrochloride	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
	1951-97-9	Piperazine phosphate	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
Pitches, Coal tar	No CAS RN	Pitches, Coal tar	Carcinogenicity	NTP 12th RoC - known	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	61789-60-4	Pitch	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	65996-93-2	Pitch, coal tar (and related residues, fractions, and distillates)	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	EC Annex VI CMRs - Cat. 1B; EC PBTs; IARC Carcinogens - 1	
	121575-60-8	Pitch, coal tar, high-temp., heat-treated; Pitch	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	94114-13-3	Pitch, coal tar, high-temp., secondary; Pitch Redistillate	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	90669-58-2	Pitch, coal tar, low-temp., heat-treated; Pitch Residue, oxidised; Pitch Residue, heat-treated	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	90669-59-3	Pitch, coal tar, low-temp., oxidized; Pitch Residue, oxidised	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	90669-57-1	Pitch, coal tar, low-temp; Pitch Residue	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68187-57-5	Pitch, coal tar-petroleum; Pitch Residues	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
Polybrominated biphenyls, PBBs	No CAS RN	Polybrominated biphenyls, PBBs	Carcinogenicity; Developmental Tox; Endocrine Tox	EC EDs - Cat. 1; Prop 65	
	67774-32-7	Firemaster FF-1	Carcinogenicity	NTP 12th RoC - reasonable	
	59536-65-1	Polybrominated biphenyls, PBBs	Carcinogenicity	IARC Carcinogens - 2A	
Polybrominated diphenyl ethers (PBDEs) congeners	68928-80-3	Polybrominated diphenyl ethers (PBDEs) congeners			

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CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	No CAS RN	BDE 100; 2,2',4,4',6-Pentabromodiphenyl ether	Developmental Tox; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	68631-49-2	BDE 153; 2,2',4,4',5,5'-Hexabromodiphenyl ether	Developmental Tox; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; IRIS Neurotoxicants	Yes
	No CAS RN	BDE 154; 2,2',4,4',5,6'-Hexabromodiphenyl ether	Developmental Tox; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	No CAS RN	BDE 17; 2,2',4-Tribromodiphenyl ether	Developmental Tox; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; CWA 303(c)	
	No CAS RN	BDE 183; 2,2',3,4,4',5',6-Heptabromodiphenyl ether	Developmental Tox; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	1163-19-5	BDE 209; Decabromodiphenyl ether; 2,2',3,3',4,4',5,5',6,6'-Decabromodiphenyl ether	Bioaccumulation; Developmental Tox; Endocrine Tox; Environ. Persistence; Neurotox; Reproductive Tox; Toxicity undefined*	CECBP - Priority Chemicals; IRIS Neurotoxicants; OSPAR Priority Action Part A; WA PBTs	Yes
	No CAS RN	BDE 28, 2,4,4'-Tribromodiphenyl ether	Developmental Tox; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	5436-43-1	BDE 47; 2,2',4,4'-Tetrabrominated diphenyl ether; (2,2',4,4'-tetraBDE)	Developmental Tox; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; IRIS Neurotoxicants	Yes
	No CAS RN	BDE 66; 2,3',4,4'-Tetrabromodiphenyl ether	Developmental Tox; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	No CAS RN	BDE 85, 2,2',3,4,4'-Pentabromodiphenyl ether	Developmental Tox; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	

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CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	60348-60-9	BDE 99; 2,2',4,4',5-Pentabromodiphenyl ether	Developmental Tox; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; IRIS Neurotoxicants	Yes
	No CAS RN	BDE-196: 2,2',3,3',4,4',5,6'-octa-bromodiphenyl ether	Developmental Tox; Endocrine Tox; Neurotox; Reproductive Tox	CECBP - Priority Chemicals	
	No CAS RN	BDE-197: 2,2',3,3',4,4',6,6'-octa-bromodiphenyl ether	Developmental Tox; Endocrine Tox; Neurotox; Reproductive Tox	CECBP - Priority Chemicals	
	No CAS RN	BDE-201: 2,2',3,3',4,5',6,6'-Octabromodiphenyl ether	Developmental Tox; Endocrine Tox; Neurotox; Reproductive Tox	CECBP - Priority Chemicals	
	No CAS RN	BDE-202: 2,2',3,3',5,5',6,6'-Octabromodiphenyl ether	Developmental Tox; Endocrine Tox; Neurotox; Reproductive Tox	CECBP - Priority Chemicals	
	No CAS RN	BDE-203: 2,2',3,4,4',5,5',6-octa-bromodiphenyl ether	Developmental Tox; Endocrine Tox; Neurotox; Reproductive Tox	CECBP - Priority Chemicals	
	No CAS RN	BDE-206: 2,2',3,3',4,4',5,5',6-nona-bromodiphenyl ether	Developmental Tox; Endocrine Tox; Neurotox; Reproductive Tox	CECBP - Priority Chemicals	

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CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	No CAS RN	BDE-207: 2,2',3,3',4,4',5,6,6'-nona-bromodiphenyl ether	Developmental Tox; Endocrine Tox; Neurotox; Reproductive Tox	CECBP - Priority Chemicals	
	No CAS RN	BDE-208: 2,2',3,3',4,4',5,5',6,6'-Decabromodiphenyl ether	Developmental Tox; Endocrine Tox; Neurotox; Reproductive Tox	CECBP - Priority Chemicals	
	32536-52-0	Octabromodiphenyl ether; Octabromo derivative (octaBDE)	Bioaccumulation; Environ. Persistence; Reproductive Tox; Toxicity undefined*	EC Annex VI CMRs - Cat. 1B; EC PBTs; WA PBTs	
Polychlorinated biphenyl (PCB) congeners	1336-36-3	Polychlorinated biphenyl (PCB) congeners	Bioaccumulation; Carcinogenicity; Developmental Tox; Endocrine Tox; Environ. Persistence; Hematotox; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurotox; Other Hazard Trait; Reproductive Tox; Respiratory Tox; Toxicity undefined*	ATSDR Neurotoxicants; CA MCLs; CA TACs; Canada PBiTs; CWA 303(c); CWA 303(d); EC EDs - Cat. 1; IARC Carcinogens - 1; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; OEHHA RELS; OSPAR Priority Action Part A; Prop 65; US EPA NWMP PBTs; US EPA TRI PBTs	Yes

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CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	37680-73-2	PCB 101; 2,2',4,5,5'-Pentachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	56558-16-8	PCB 104; 2,2',4,6,6'-Pentachlorobiphenyl	Endocrine Tox	EC EDs - Cat. 1	
	32598-14-4	PCB 105; 2,3,3',4,4'-Pentachlorobiphenyl	Bioaccumulation; Carcinogenicity; Dermatotoxicity; Developmental Tox; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox; Toxicity undefined*	CDC 4th National Exposure Report; CECBP - Priority Chemicals; CWA 303(d); EC EDs - Cat. 1; OEHHA RELs; WA PBTs	Yes
	38380-03-9	PCB 110; 2,3,3',4',6-Pentachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	

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CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	74472-37-0	PCB 114; 2,3,4,4',5-Pentachlorobiphenyl	Bioaccumulation; Developmental Tox; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox; Toxicity undefined*	CWA 303(d); EC EDs - Cat. 1; OEHHA RELs; WA PBTs	Yes
	31508-00-6	PCB 118; 2,3',4,4',5-Pentachlorobiphenyl	Bioaccumulation; Carcinogenicity; Dermatotoxicity; Developmental Tox; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox; Toxicity undefined*	CDC 4th National Exposure Report; CECBP - Priority Chemicals; CWA 303(d); EC EDs - Cat. 1; OEHHA RELs; WA PBTs	Yes
	76842-07-4	PCB 122; 2,3,3',4,5 -Pentachlorobiphenyl	Endocrine Tox	EC EDs - Cat. 1	

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CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	65510-44-3	PCB 123; 2',3,4,4',5-Pentachlorobiphenyl	Developmental Tox; Endocrine Tox; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox	CWA 303(d); OEHHA RELs	
	57465-28-8	PCB 126; 3,3',4,4',5-Pentachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Developmental Tox; Endocrine Tox; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; CWA 303(d); EC EDs - Cat. 1; IARC Carcinogens - 1; OEHHA RELs	Yes
	38380-07-3	PCB 128; 2,2',3,3',4,4'-Hexachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; EC EDs - Cat. 1	Yes

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	35065-28-2	PCB 138; 2,2',3,4,4',5'-Hexachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; EC EDs - Cat. 1	Yes
	51908-16-8	PCB 146, 2,2',3,4',5,5'-Hexachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	38380-04-0	PCB 149; 2,2',3,4',5',6'-Hexachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	52663-63-5	PCB 151; 2,2',3,5,5',6'-Hexachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	

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DEPARTMENT OF TOXIC SUBSTANCES CONTROL
CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	35065-27-1	PCB 153; 2,2',4,4',5,5'-Hexachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; EC EDs - Cat. 1	Yes
	38380-08-4	PCB 156; 2,3,3',4,4',5-Hexachlorobiphenyl	Bioaccumulation; Carcinogenicity; Dermatotoxicity; Developmental Tox; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox; Toxicity undefined*	CDC 4th National Exposure Report; CECBP - Priority Chemicals; CWA 303(d); OEHHA RELs; WA PBTs	Yes

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CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	69782-90-7	PCB 157; 2,3,3',4,4',5'-Hexachlorobiphenyl	Bioaccumulation; Carcinogenicity; Dermatotoxicity; Developmental Tox; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox; Toxicity undefined*	CDC 4th National Exposure Report; CECBP - Priority Chemicals; CWA 303(d); OEHHA RELs; WA PBTs	Yes
	74472-42-7	PCB 158; 2,3,3',4,4',6-Hexachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Hepatotoxicity, Digestive System Tox; Reproductive Tox	CECBP - Priority Chemicals	
	52663-72-6	PCB 167; 2,3',4,4',5,5'-Hexachlorobiphenyl	Bioaccumulation; Carcinogenicity; Dermatotoxicity; Developmental Tox; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox; Toxicity undefined*	CDC 4th National Exposure Report; CECBP - Priority Chemicals; CWA 303(d); OEHHA RELs; WA PBTs	Yes

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	32774-16-6	PCB 169; 3,3',4,4',5,5'-Hexachlorobiphenyl	Bioaccumulation; Carcinogenicity; Dermatotoxicity; Developmental Tox; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox; Toxicity undefined*	CDC 4th National Exposure Report; CECBP - Priority Chemicals; CWA 303(d); EC EDs - Cat. 1; OEHHA RELs; WA PBTs	Yes
	35065-30-6	PCB 170; 2,2',3,3',4,4',5-Heptachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Hepatotoxicity, Digestive System Tox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	52663-74-8	PCB 172; 2,2',3,3',4,5,5'-Heptachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	52663-70-4	PCB 177; 2,2',3,3',4,5',6'-Heptachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	52663-67-9	PCB 178; 2,2',3,3',5,5',6-Heptachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	37680-65-2	PCB 18; 2,2',5-Trichlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CECBP - Priority Chemicals; EC EDs - Cat. 1	Yes
	35065-29-3	PCB 180; 2,2',3,4,4',5,5'-Heptachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; EC EDs - Cat. 1	Yes

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	189084-68-2	PCB 183; 2,2',3,4,4',5',6-Heptabromodiphenyl ether	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	52663-68-0	PCB 187; 2,2',3,4',5,5',6-Heptachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	39635-31-9	PCB 189; 2,3,3',4,4',5,5'-Heptachlorobiphenyl	Bioaccumulation; Carcinogenicity; Dermatotoxicity; Developmental Tox; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox; Toxicity undefined*	CDC 4th National Exposure Report; CECBP - Priority Chemicals; CWA 303(d); OEHHA RELs; WA PBTs	Yes

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	35694-08-7	PCB 194; 2,2',3,3',4,4',5,5'-Octachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	52663-78-2	PCB 195; 2,2',3,3',4,4',5,6-Octachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	42740-50-1	PCB 196; 2,2',3,3',4,4',5,6'-Octa- chlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	52663-75-9	PCB 199; 2,2',3,3',4,5,5',6-Octachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	

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DEPARTMENT OF TOXIC SUBSTANCES CONTROL
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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	52663-76-0	PCB 203; 2,2',3,4,4',5,5',6-Octa- chlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	40186-72-9	PCB 206; 2,2',3,3',4,4',5,5',6'-Nonachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	2051-24-3	PCB 209; 2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	55702-46-0	PCB 21; 2,3,4-Trichlorobiphenyl)	Endocrine Tox	EC EDs - Cat. 1	
	7012-37-5	PCB 28; 2,4,4'-Trichlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; EC EDs - Cat. 1	Yes
	35693-92-6	PCB 30; 2,4,6'-Trichlorobiphenyl	Endocrine Tox	EC EDs - Cat. 1	
	38444-88-1	PCB 39; 3,4',5-Trichlorobiphenyl	Endocrine Tox	EC EDs - Cat. 1	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	41464-39-5	PCB 44; 2,2',3,5'-Tetrachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	2437-79-8	PCB 47; 2,2',4,4'-Tetrachlorobiphenyl	Developmental Tox; Endocrine Tox; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox	EC EDs - Cat. 1; OEHHA RELS	Yes
	41464-40-8	PCB 49; 2,2',4,5'-Tetrachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	35693-99-3	PCB 52; 2,2',5,5'-Tetrachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; EC EDs - Cat. 1	Yes
	No CAS RN	PCB 61, PCB 101 and PCB 194 mixture	Endocrine Tox	EC EDs - Cat. 1	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	32598-10-0	PCB 66; 2,3',4,4'-Tetrachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Hepatotoxicity, Digestive System Tox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	32690-93-0	PCB 74; 2,4,4',5-Tetrachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Hepatotoxicity, Digestive System Tox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	32598-13-3	PCB 77; 3,3',4,4'-Tetrachlorobiphenyl	Developmental Tox; Endocrine Tox; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox	CWA 303(d); EC EDs - Cat. 1; OEHHA RELS	Yes
	70362-50-4	PCB 81; 3,4,4',5-Tetrachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Developmental Tox; Endocrine Tox; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; CWA 303(d); OEHHA RELS	

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DEPARTMENT OF TOXIC SUBSTANCES CONTROL
CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	38380-02-8	PCB 87; 2,2',3,4,5'-Pentachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	38380-01-7	PCB 99; 2,2',4,4',5-Pentachlorobiphenyl	Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	12674-11-2	PCB Aroclor 1016	Developmental Tox; Endocrine Tox; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox	EC EDs - Cat. 1; OEHHA RELs	Yes
	53469-21-9	PCB Aroclor 1242	Developmental Tox; Endocrine Tox; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox	EC EDs - Cat. 1; OEHHA RELs	Yes

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	12672-29-6	PCB Aroclor 1248	Developmental Tox; Endocrine Tox; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox	EC EDs - Cat. 1; OEHHA RELs	Yes
	11097-69-1	PCB Aroclor 1254	Developmental Tox; Endocrine Tox; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox	EC EDs - Cat. 1; OEHHA RELs	Yes
	11096-82-5	PCB Aroclor 1260 (Clophen A60)	Developmental Tox; Endocrine Tox; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox	EC EDs - Cat. 1; OEHHA RELs	Yes
	1336-36-3	Polychlorinated biphenyls (PCBs) containing > 60 % chlorine by molecular weight	Carcinogenicity	Prop 65	
Polychlorinated dibenzo-p-dioxins (PCDDs)	136677-09-3	Polychlorinated dibenzo-p-dioxins (PCDDs)	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	CA TACs; OSPAR Priority Action Part A; Prop 65	Yes

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DEPARTMENT OF TOXIC SUBSTANCES CONTROL
CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	35822-46-9	1,2,3,4,6,7,8 Heptachlorodibenzo-p-dioxin (HpCDD)	Bioaccumulation; Carcinogenicity; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox; Toxicity undefined*	CA TACs; CDC 4th National Exposure Report; CWA 303(d); OEHHA RELs; WA PBTs	Yes
	3268-87-9	1,2,3,4,6,7,8,9 Octachlorodibenzo-p-dioxin (OCDD)	Bioaccumulation; Carcinogenicity; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox; Toxicity undefined*	CA TACs; CDC 4th National Exposure Report; CWA 303(d); OEHHA RELs; WA PBTs	Yes

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	39227-28-6	1,2,3,4,7,8 Hexachlorodibenzo-p-dioxin (HxCDD)	Bioaccumulation; Carcinogenicity; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox; Toxicity undefined*	CA TACs; CDC 4th National Exposure Report; CWA 303(d); OEHHA RELs; WA PBTs	Yes
	57653-85-7	1,2,3,6,7,8 Hexachlorodibenzo-p-dioxin; (HxCDD)	Bioaccumulation; Carcinogenicity; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox; Toxicity undefined*	CA TACs; CDC 4th National Exposure Report; CWA 303(d); OEHHA RELs; WA PBTs	Yes

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DEPARTMENT OF TOXIC SUBSTANCES CONTROL
CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	40321-76-4	1,2,3,7,8 Pentachlorodibenzo-p-dioxin (PeCDD)	Bioaccumulation; Carcinogenicity; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox; Toxicity undefined*	CA TACs; CDC 4th National Exposure Report; CWA 303(d); EC EDs - Cat. 1; OEHHA RELs; WA PBTs	Yes
	19408-74-3	1,2,3,7,8,9 Hexachlorodibenzo-p-dioxin (HxCDD)	Bioaccumulation; Carcinogenicity; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox; Toxicity undefined*	CA TACs; CDC 4th National Exposure Report; CWA 303(d); OEHHA RELs; WA PBTs	Yes

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	Bioaccumulation; Carcinogenicity; Dermatotoxicity; Developmental Tox; Endocrine Tox; Environ. Persistence; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox; Toxicity undefined*	CA MCLs; CA TACs; CDC 4th National Exposure Report; CWA 303(c); CWA 303(d); EC EDs - Cat. 1; IARC Carcinogens - 1; NTP 12th RoC - known; OEHHA RELs; OSPAR Priority Action Part A; Prop 65; WA PBTs	Yes
	No CAS RN	Chlorinated Dibenzo-p-dioxins (CDDs); and Dioxin-like compounds	Bioaccumulation; Carcinogenicity; Dermatotoxicity; Endocrine Tox; Environ. Persistence; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox; Toxicity undefined*	CA MCLs; CA TACs; CDC 4th National Exposure Report; CWA 303(c); OEHHA RELs; US EPA TRI PBTs	Yes
	No CAS RN	Dioxins	Bioaccumulation; Carcinogenicity; Environ. Persistence; Environmental Toxicity*; Reproductive Tox; Toxicity undefined*	CA TACs; CDC 4th National Exposure Report; CWA 303(d); US EPA NWMP PBTs	Yes
	34465-46-8	Hexachlorodibenzo-p-dioxin	Carcinogenicity; Reproductive Tox	CA TACs; CDC 4th National Exposure Report; Prop 65	Yes

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CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	No CAS RN	Hexachlorodibenzo-p-dioxin mixture of 1,2,3,6,7,8-HxCDD (57653-85-7) and 1,2,3,7,8,9-HxCDD (19408-74-3)	Carcinogenicity; Reproductive Tox	CDC 4th National Exposure Report; IRIS Carcinogens - B2	Yes
Polychlorinated dibenzo-p-furans (PCDFs) and Furan Compounds	136677-10-6	Polychlorinated dibenzo-p-furans (PCDFs) and Furan Compounds	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	CA TACs; OSPAR Priority Action Part A; Prop 65	Yes
	67562-39-4	1,2,3,4,6,7,8 Heptachlorodibenzo-p-furan (HpCDF)	Bioaccumulation; Carcinogenicity; Developmental Tox; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Toxicity undefined*	CA TACs; CDC 4th National Exposure Report; CWA 303(d); OEHHA RELs; WA PBTs	Yes
	39001-02-0	1,2,3,4,6,7,8,9 Octachlorodibenzo-p-furan (OCDF)	Bioaccumulation; Carcinogenicity; Environ. Persistence; Environmental Toxicity*; Reproductive Tox; Toxicity undefined*	CA TACs; CDC 4th National Exposure Report; CWA 303(d); WA PBTs	Yes

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DEPARTMENT OF TOXIC SUBSTANCES CONTROL
CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	70648-26-9	1,2,3,4,7,8 Hexachlorodibenzo-p-furan (HxCDF)	Bioaccumulation; Carcinogenicity; Developmental Tox; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Toxicity undefined*	CA TACs; CDC 4th National Exposure Report; CWA 303(d); OEHHA RELs; WA PBTs	Yes
	55673-89-7	1,2,3,4,7,8,9 Heptachlorodibenzo-p-furan (HpCDF)	Bioaccumulation; Carcinogenicity; Developmental Tox; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Toxicity undefined*	CA TACs; CDC 4th National Exposure Report; CWA 303(d); OEHHA RELs; WA PBTs	Yes

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CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	57117-44-9	1,2,3,6,7,8 Hexachlorodibenzo-p-furan (HxCDF)	Bioaccumulation; Carcinogenicity; Developmental Tox; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Toxicity undefined*	CA TACs; CDC 4th National Exposure Report; CWA 303(d); OEHHA RELs; WA PBTs	Yes
	72918-21-9	1,2,3,7,8,9 Hexachlorodibenzo-p-furan (HxCDF)	Bioaccumulation; Carcinogenicity; Developmental Tox; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Toxicity undefined*	CA TACs; CDC 4th National Exposure Report; CWA 303(d); OEHHA RELs; WA PBTs	Yes

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CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	57117-41-6	1,2,3,7,8-Pentachlorodibenzo-p-furan (1,2,3,7,8_PeCDF)	Bioaccumulation; Carcinogenicity; Developmental Tox; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Toxicity undefined*	CA TACs; CDC 4th National Exposure Report; CWA 303(d); OEHHA RELs; WA PBTs	Yes
	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzo-p-furan (HxCDF)	Bioaccumulation; Carcinogenicity; Developmental Tox; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Toxicity undefined*	CA TACs; CDC 4th National Exposure Report; CWA 303(d); OEHHA RELs; WA PBTs	Yes

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CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	57117-31-4	2,3,4,7,8-Pentachlorodibenzo-p-furan , (2,3,4,7,8-PeCDF)	Bioaccumulation; Carcinogenicity; Developmental Tox; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Toxicity undefined*	CA TACs; CDC 4th National Exposure Report; CWA 303(d); EC EDs - Cat. 1; IARC Carcinogens - 1; OEHHA RELS; WA PBTs	Yes
	51207-31-9	2,3,7,8-Tetrachlorodibenzo-p-furan (TCDF), Dibenzofurans	Bioaccumulation; Carcinogenicity; Developmental Tox; Endocrine Tox; Environ. Persistence; Environmental Toxicity*; Hematotox; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Toxicity undefined*	CA TACs; CDC 4th National Exposure Report; CWA 303(d); OEHHA RELS; WA PBTs	Yes
	118174-38-2	6-Methyl-1,3,8-trichlorodibenzo-p-furan	Endocrine Tox	EC EDs - Cat. 1	
	110-00-9	Furan Compounds	Carcinogenicity; Environmental Toxicity*	CWA 303(d); EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	Yes
	109-99-9	Tetrahydrofuran	Environmental Toxicity*; Neurotox	CWA 303(d); IRIS Neurotoxicants	Yes

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CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
Polycyclic Aromatic Hydrocarbons (PAHs)	No CAS RN	Polycyclic Aromatic Hydrocarbons (PAHs)	Bioaccumulation; Environ. Persistence; Toxicity undefined*	OSPAR Priority Action Part A	
	90-15-3	1-Hydroxynaphthalene (1-Naphthol)	Hazard Trait Under Review	CDC 4th National Exposure Report	
	2433-56-9	1-Hydroxyphenanthrene	Hazard Trait Under Review	CDC 4th National Exposure Report	
	5315-79-7	1-Hydroxypyrene	Hazard Trait Under Review	CDC 4th National Exposure Report	
	625-86-5	2,5-Dimethylfuran	Hazard Trait Under Review	CDC 4th National Exposure Report	
	2443-58-5	2-Hydroxyfluorene	Hazard Trait Under Review	CDC 4th National Exposure Report	
	135-19-3	2-Hydroxynaphthalene (2-Naphthol)	Hazard Trait Under Review	CDC 4th National Exposure Report	
	605-55-0	2-Hydroxyphenanthrene	Hazard Trait Under Review	CDC 4th National Exposure Report	
	56614-97-2	3,9-Dihydroxybenz(a)anthracene	Endocrine Tox	EC EDs - Cat. 1	
	13345-21-6	3-Hydroxybenzo[a]pyrene	Hazard Trait Under Review	CECBP - Priority Chemicals	
	No CAS RN	3-Hydroxyfluorene	Hazard Trait Under Review	CDC 4th National Exposure Report	
	605-87-8	3-Hydroxyphenanthrene	Hazard Trait Under Review	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
	56-49-5	3-Methylcholanthrene	Bioaccumulation; Carcinogenicity; Endocrine Tox; Environ. Persistence; Toxicity undefined*	EC EDs - Cat. 1; Prop 65; WA PBTs	

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CANDIDATE CHEMICALS GROUP MEMBER LIST- SEPTEMBER 26, 2013

Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	7651-86-7	4-Hydroxyphenanthrene	Hazard Trait Under Review	CDC 4th National Exposure Report	
	3697-24-3	5-Methylchrysene	Carcinogenicity	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
	37515-51-8	6-Hydroxychrysene	Hazard Trait Under Review	CECBP - Priority Chemicals	
	57-97-6	7,12-Dimethylbenz(a)anthracene	Carcinogenicity; Endocrine Tox	EC EDs - Cat. 1; Prop 65	
	194-59-2	7H-Dibenzo[c,g]carbazole	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65; WA PBTs	
	1689-64-1	9-Hydroxyfluorene	Hazard Trait Under Review	CDC 4th National Exposure Report	
	83-32-9	Acenaphthene	Bioaccumulation; Carcinogenicity; Environ. Persistence; Hepatotoxicity, Digestive System Tox; Toxicity undefined*	CWA 303(c); CWA 303(d); IRIS Carcinogens - A; US EPA NWMP PBTs	Yes
	208-96-8	Acenaphthylene	Bioaccumulation; Environ. Persistence; Environmental Toxicity*; Hazard Trait Under Review; Toxicity undefined*	CWA 303(c); CWA 303(d); US EPA NWMP PBTs	Yes
	120-12-7	Anthracene	Bioaccumulation; Environ. Persistence; Other Hazard Trait; Toxicity undefined*	CWA 303(c); CWA 303(d); EC PBTs; US EPA NWMP PBTs	Yes

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	191-24-2	Benzo(g,h,i)perylene	Bioaccumulation; Environ. Persistence; Environmental Toxicity*; Hazard Trait Under Review; Toxicity undefined*	CWA 303(c); CWA 303(d); US EPA NWMP PBTs; US EPA TRI PBTs; WA PBTs	Yes
	56-55-3	Benzo[a]anthracene	Carcinogenicity	CWA 303(c); CWA 303(d); EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; Prop 65	Yes
	50-32-8	Benzo[a]pyrene; Benzo[def]chrysene, Benzopyrene	Carcinogenicity; Endocrine Tox; Genotoxicity; Reproductive Tox	CA MCLs; CA TACs; CWA 303(c); CWA 303(d); EC Annex VI CMRs - Cat. 1B; EC EDs - Cat. 1; IARC Carcinogens - 1; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; Prop 65	Yes
	205-99-2	Benzo[b]fluoranthene	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	CWA 303(c); CWA 303(d); EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; Prop 65; WA PBTs	Yes
	195-19-7	Benzo[c]phenanthrene	Carcinogenicity	IARC Carcinogens - 2B	
	192-97-2	Benzo[e]pyrene	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	

*A more specific hazard trait from Chapter 54 of Title 22 of the California Code of Regulations was not identified.

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	205-82-3	Benzo[j]fluoranthene	Bioaccumulation; Carcinogenicity; Environ. Persistence; Environmental Toxicity*; Toxicity undefined*	CWA 303(d); EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65; WA PBTs	Yes
	207-08-9	Benzo[k]fluoranthene	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	CWA 303(c); CWA 303(d); EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; Prop 65; WA PBTs	Yes
	218-01-9	Chrysene	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	CWA 303(c); CWA 303(d); EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; IRIS Carcinogens - B2; Prop 65; WA PBTs	Yes
	226-36-8	Dibenz[a,h]acridine	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65; WA PBTs	
	224-42-0	Dibenz[a,j]acridine	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	IARC Carcinogens - 2A; NTP 12th RoC - reasonable; Prop 65; WA PBTs	
	224-53-3	Dibenz[c,h]acridine	Carcinogenicity	IARC Carcinogens - 2B	
	192-65-4	Dibenzo[a,e]pyrene	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	NTP 12th RoC - reasonable; Prop 65; WA PBTs	

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	53-70-3	Dibenzo[a,h]anthracene	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	CWA 303(c); CWA 303(d); EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2A; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; Prop 65; WA PBTs	Yes
	189-64-0	Dibenzo[a,h]pyrene	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65; WA PBTs	
	189-55-9	Dibenzo[a,i]pyrene; Benzo[rs]t]pentaphene	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65; WA PBTs	
	191-30-0	Dibenzo[a,l]pyrene	Carcinogenicity	IARC Carcinogens - 2A; NTP 12th RoC - reasonable; Prop 65	
	206-44-0	Fluoranthene	Bioaccumulation; Environ. Persistence; Hematotox; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Toxicity undefined*	CWA 303(c); CWA 303(d); WA PBTs	Yes
	86-73-7	Fluorene	Bioaccumulation; Environ. Persistence; Hematotox; Toxicity undefined*	CWA 303(c); CWA 303(d); US EPA NWMP PBTs	Yes

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	193-39-5	Indeno [1,2,3-cd]pyrene	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	CWA 303(c); CWA 303(d); IARC Carcinogens - 2B; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; Prop 65; WA PBTs	Yes
	85-01-8	Phenanthrene	Bioaccumulation; Environ. Persistence; Environmental Toxicity*; Hazard Trait Under Review; Toxicity undefined*	CWA 303(c); CWA 303(d); US EPA NWMP PBTs	Yes
	130498-29-2	Polycyclic Aromatic Compounds (PACs)	Bioaccumulation; Environ. Persistence; Environmental Toxicity*; Toxicity undefined*	CWA 303(d); OSPAR Priority Action Part A; US EPA NWMP PBTs; US EPA TRI PBTs	Yes
	129-00-0	Pyrene	Bioaccumulation; Environ. Persistence; Nephrotox, Urinary System; Toxicity undefined*	CWA 303(c); CWA 303(d); US EPA NWMP PBTs	Yes
Propanedinitrile, (and related derivatives)	No CAS RN	Propanedinitrile, (and related derivatives)			
	63467-19-6	Propanedinitrile, [[1,2,3,4-tetrahydro-2,2,4-trimethyl-1-[2-[[[(phenylamino)carbonyl]oxy]ethyl]-6-quinolinyl]methylene]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBTs	
	54079-60-6	Propanedinitrile, 2-[[4-[2-(2-cyclohexylphenoxy)ethyl-ethyl-amino]-2-methyl-phenyl]methylene]propanedinitrile	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBTs	

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	54079-53-7	Propanedinitrile,[[4-[[2-(4-cyclohexylphenoxy)ethyl]ethylamino]-2-methylphenyl]methylene]- (9CI)	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
Propanenitrile, (and related derivatives)	No CAS RN	Propanenitrile, (and related derivatives)			
	5261-31-4	Propanenitrile, 3-[[2-(acetyloxy)ethyl][4- [(2,6-dichloro-4-nitrophenyl)azo]phenyl]amino]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	68516-64-3	Propanenitrile, 3-[[2-(acetyloxy)ethyl][4- [(2-chloro-4-nitrophenyl)azo]-3-methylphenyl]amino]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	33979-43-0	Propanenitrile, 3-[[2-(acetyloxy)ethyl][4- [(5,6-dichloro-2-benzothiazolyl)azo] phenyl]amino]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	127126-02-7	Propanenitrile, 3-[[2-(acetyloxy)ethyl][4- [(6,7-dichloro-2-benzothiazolyl)azo]phenyl]amino]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	55281-26-0	Propanenitrile, 3-[[4-[(2,6-dibromo-4-nitrophenyl) azo]phenyl]ethylamino]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	28824-41-1	Propanenitrile, 3-[[4-[(4,6-dibromo-2-benzothiazolyl) azo]phenyl]ethylamino]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	15958-27-7	Propanenitrile, 3-[[4-[(4-nitrophenyl)azo] phenyl][2-[[[(phenylamino)carbonyl]oxy]ethyl]amino]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	25176-89-0	Propanenitrile, 3-[[4-[(5,6-dichloro-2-benzothiazolyl) azo]phenyl]ethylamino]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	

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	41362-82-7	Propanenitrile, 3-[[4-[(5,6-dichloro-2-benzothiazolyl)azo]phenyl]methylamino]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	25150-28-1	Propanenitrile, 3-[[4-[(6,7-dichloro-2-benzothiazolyl)azo]phenyl]ethylamino]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	19745-44-9	Propanenitrile, 3-[4-[(5-nitro-2-thiazolyl)azo](2-phenylethyl)amino]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	16586-42-8	Propanenitrile, 3-[ethyl[3-methyl-4-[(6-nitro-2-benzothiazolyl)azo]phenyl]amino]-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
Raffinates (petroleum), and various treated and processed fractions	No CAS RN	Raffinates (petroleum), and various treated and processed fractions			
	68410-71-9	Raffinates (petroleum), catalytic reformer ethylene glycol-water countercurrent exts.; Low boiling point modified naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68425-35-4	Raffinates (petroleum), reformer, Lurgi unit-sepd.; Low boiling point modified naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64741-85-1	Raffinates (petroleum), sorption process	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	97722-19-5	Raffinates (petroleum), steam-cracked C4 fraction cuprous ammonium acetate extn., C3-5 and C3-5 unsatd., butadiene-free; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
Residual oils (petroleum), treated	No CAS RN	Residual oils (petroleum), treated			
	100684-37-5	Residual oils (petroleum), carbon-treated solvent-dewaxed; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	91770-57-9	Residual oils (petroleum), catalytic dewaxed; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	100684-38-6	Residual oils (petroleum), clay-treated solvent-dewaxed; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-41-2	Residual oils (petroleum), clay-treated; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68478-16-0	Residual oils (petroleum), deisobutanizer tower; Low boiling point naphtha - unspecified;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92061-86-4	Residual oils (petroleum), hydrocracked acid-treated solvent-dewaxed; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	90669-74-2	Residual oils (petroleum), hydrotreated solvent dewaxed; Baseoil - unspecified	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-57-0	Residual oils (petroleum), hydrotreated; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64741-95-3	Residual oils (petroleum), solvent deasphalted; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-62-7	Residual oils (petroleum), solvent-dewaxed; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	93821-66-0	Residual oils (petroleum); Heavy Fuel oil;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-01-4	Residual oils (petroleum,) solvent-refined; Baseoil - unspecified;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
Residues (coal tar)	No CAS RN	Residues (coal tar)			
	92061-92-2	Residues (coal tar), anthracene oil distn.; Anthracene Oil Fraction	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92061-93-3	Residues (coal tar), creosote oil distn.; Wash Oil Redistillate;	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	92061-94-4	Residues (coal tar), pitch distn.; Pitch Redistillate;	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	EC Annex VI CMRs - Cat. 1B; EC PBTs	
Residues (petroleum) and similar products	No CAS RN	Residues (petroleum) and similar products			

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	68513-66-6	Residues (petroleum), alkylation splitter, C4-rich; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	70592-79-9	Residues (petroleum), atm. tower, light	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	64741-45-3	Residues (petroleum), atm. tower; Heavy Fuel oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68333-22-2	Residues (petroleum), atmospheric; Heavy Fuel oil	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B	
	68478-12-6	Residues (petroleum), butane splitter bottoms; Low boiling point naphtha - unspecified	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68478-15-9	Residues (petroleum), C6-8 catalytic reformer; Low boiling point cat-reformed naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92061-97-7	Residues (petroleum), catalytic cracking; Heavy Fuel oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68478-13-7	Residues (petroleum), catalytic reformer fractionator residue distn.; Heavy Fuel oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64741-67-9	Residues (petroleum), catalytic reformer fractionator; Heavy Fuel oil	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B	
	68783-13-1	Residues (petroleum), coker scrubber, Condensed-ring-arom.-contg.; Hvy Fuel oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68512-61-8	Residues (petroleum), heavy coker and light vacuum; Heavy Fuel oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68478-17-1	Residues (petroleum), heavy coker gas oil and vacuum gas oil; Heavy Fuel oil	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	64741-75-9	Residues (petroleum), hydrocracked; Heavy Fuel oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-78-5	Residues (petroleum), hydrodesulfurized atmospheric tower; Heavy Fuel oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	92062-00-5	Residues (petroleum), hydrogenated steam-cracked naphtha; Cracked gasoil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68512-62-9	Residues (petroleum), light vacuum; Heavy Fuel oil	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	Canada PBITs; EC Annex VI CMRs - Cat. 1B	
	93763-85-0	Residues (petroleum), steam-cracked heat-soaked naphtha; Cracked gasoil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	102110-55-4	Residues (petroleum), steam-cracked light, arom.; Low boiling point naphtha - unspecified;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68513-69-9	Residues (petroleum), steam-cracked light; Heavy Fuel oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	92062-04-9	Residues (petroleum), steam-cracked naphtha distn.; Cracked gasoil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	90669-75-3	Residues (petroleum), steam-cracked, distillates; Heavy Fuel oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68955-36-2	Residues (petroleum), steam-cracked, resinous; Heavy Fuel oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-90-1	Residues (petroleum), steam-cracked; Heavy Fuel oil	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	Canada PBITs; EC Annex VI CMRs - Cat. 1B	
	64741-80-6	Residues (petroleum), thermal cracked; Heavy Fuel oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	

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	68607-30-7	Residues (petroleum), topping plant, low-sulfur; Heavy Fuel oil	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B	
	129893-11-4	Residues (petroleum), vacuum, hydrocracked, naphtha fraction	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	90669-76-4	Residues (petroleum), vacuum, light; Heavy Fuel oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
Resin acids and Rosin acids, salts and hydrogenated esters	No CAS RN	Resin acids and Rosin acids, salts and hydrogenated esters			
	124751-15-1	Resin acids and Rosin acids, fumarated, barium salts	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	65997-13-9	Resin acids and Rosin acids, hydrogenated, esters with glycerol	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	64365-17-9	Resin acids and Rosin acids, hydrogenated, esters with pentaerythritol	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	68648-53-3	Resin acids and Rosin acids, hydrogenated, esters with triethylene glycol	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
Siloxanes and Silicones	No CAS RN	Siloxanes and Silicones			
	68938-51-2	Siloxanes and Silicones, 3-cyanopropyl Me, di-Me (and similar siloxanes)	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	70900-21-9	Siloxanes and Silicones, di-Me, hydrogen-terminated	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	69430-47-3	Siloxanes and Silicones, di-Me, reaction products with Me hydrogen siloxanes and 1,1,3,3-tetramethyldisiloxane	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	68952-02-3	Siloxanes and Silicones, Me 3,3,3-trifluoropropyl, Me vinyl, hydroxy-terminated	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
Slack wax (petroleum), treated Slack wax	No CAS RN	Slack wax (petroleum), treated Slack wax			
	90669-77-5	Slack wax (petroleum), acid-treated; Slack wax	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	100684-49-9	Slack wax (petroleum), carbon-treated; Slack wax	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	90669-78-6	Slack wax (petroleum), clay-treated; Slack wax	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	92062-09-4	Slack wax (petroleum), hydrotreated; Slack wax	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	97863-04-2	Slack wax (petroleum), low-melting, carbon-treated; Slack wax	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	97863-05-3	Slack wax (petroleum), low-melting, clay-treated; Slack wax	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	92062-11-8	Slack wax (petroleum), low-melting, hydrotreated; Slack wax	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	97863-06-4	Slack wax (petroleum), low-melting, silicic acid-treated; Slack wax	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	92062-10-7	Slack wax (petroleum), low-melting; Slack wax	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	64742-61-6	Slack wax (petroleum); Slack wax	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
Solvent naphtha (coal), and related compounds	No CAS RN	Solvent naphtha (coal), and related compounds			

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	85536-19-2	Solvent naphtha (coal), coumarone-styrene contg.; Light Oil Redistillate, intermediate boiling	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	85536-17-0	Solvent naphtha (coal), light; Light Oil Redistillate, low boiling	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	85536-20-5	Solvent naphtha (coal), xylene-styrene cut; Light Oil Redistillate, intermediate boiling	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	65996-79-4	Solvent naphtha (coal); Light Oil Extract Residues, high boiling	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
Solvent naphtha (petroleum), and related processed products	No CAS RN	Solvent naphtha (petroleum), and related processed products			
	92062-15-2	Solvent naphtha (petroleum), hydrotreated light naphthenic; Low boiling point hydrogen treated naphtha	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64742-89-8	Solvent naphtha (petroleum), light aliph.; Low boiling point naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68512-78-7	Solvent naphtha (petroleum), light arom., hydrotreated; Low boiling point hydrogen treated naphtha;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	64742-95-6	Solvent naphtha (petroleum), light arom.; Low boiling point naphtha - unspecified;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one, 2',4',5',7'-tetrabromo-3',6'-dihydroxy- (and related compounds)	15086-94-9	Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one, 2',4',5',7'-tetrabromo-3',6'-dihydroxy-(and related compounds)	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	1326-05-2	Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one, 2',4',5',7'-tetrabromo-3',6'-dihydroxy-, lead salt	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
	509-34-2	Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one, 3',6'-bis(diethylamino)-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
Stannanes, tributylated compounds	No CAS RN	Stannanes, tributylated compounds			
	85409-17-2	Stannane, tributyl-, mono(naphthenoyloxy	Endocrine Tox	EC EDs - Cat. 1	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	36631-23-9	Stannane, tributyl; (Tributyltin naphthalate)	Endocrine Tox	EC EDs - Cat. 1	
	24124-25-2	Stannane, tributyl[(1-oxo-9,12-octadecad	Endocrine Tox	EC EDs - Cat. 1	
	3090-35-5	Stannane, tributyl[(1-oxo-9-octadecenyl)	Endocrine Tox	EC EDs - Cat. 1	
	26239-64-5	Stannane, tributyl[[[1,2,3,4,4a,4b,5,6,1	Endocrine Tox	EC EDs - Cat. 1	
	1461-22-9	Stannane, tributylchloro-	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
	1983-10-4	Stannane, tributylfluoro-	Bioaccumulation; Endocrine Tox; Environ. Persistence; Toxicity undefined*	Canada PBITs; EC EDs - Cat. 1	
	36631-23-9	Stannanes, tributylated compounds	Endocrine Tox	EC EDs - Cat. 1	
	No CAS RN	Tributyltin compounds	Endocrine Tox	EC EDs - Cat. 1	
Styrene and derrivatives	No CAS RN	Styrene and derrivatives			
	100-42-5	Styrene	Carcinogenicity; Developmental Tox; Digestive System Toxicity; Endocrine Tox; Neurotox; Ocular Tox; Reproductive Tox; Respiratory Tox	ATSDR Neurotoxicants; CA MCLs; CA TACs; CDC 4th National Exposure Report; CWA 303(d); EC EDs - Cat. 1; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; OEHHA RELs	Yes
	96-09-3	Styrene-7,8-oxide	Carcinogenicity; Dermatotoxicity; Hepatotoxicity, Digestive System Tox; Neurotox; Ocular Tox; Reproductive Tox; Respiratory Tox	CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2A; NTP 12th RoC - reasonable; Prop 65	Yes

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Tail gas (petroleum), processed, distillates and fractions	No CAS RN	Tail gas (petroleum), processed, distillates and fractions			
	68478-21-7	Tail gas (petroleum), catalytic cracked clarified oil and thermal cracked vacuum residue fractionation reflux drum; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68307-98-2	Tail gas (petroleum), catalytic cracked distillate and catalytic cracked naphtha fractionation absorber; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68952-77-2	Tail gas (petroleum), catalytic cracked distillate and naphtha stabilizer; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68478-22-8	Tail gas (petroleum), catalytic cracked naphtha stabilization absorber; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68478-25-1	Tail gas (petroleum), catalytic cracker refractionation absorber; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68478-24-0	Tail gas (petroleum), catalytic cracker, catalytic reformer and hydrodesulfurizer combined fractionater; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68952-79-4	Tail gas (petroleum), catalytic hydrodesulfurized naphtha separator; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68307-99-3	Tail gas (petroleum), catalytic polymn. naphtha fractionation stabilizer; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68308-00-9	Tail gas (petroleum), catalytic reformed naphtha fractionation stabilizer, hydrogen sulfide-free; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68478-26-2	Tail gas (petroleum), catalytic reformed naphtha fractionation stabilizer; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68478-27-3	Tail gas (petroleum), catalytic reformed naphtha separator; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68478-28-4	Tail gas (petroleum), catalytic reformed naphtha stabilizer; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68478-29-5	Tail gas (petroleum), cracked distillate hydrotreater separator; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68308-01-0	Tail gas (petroleum), cracked distillate hydrotreater stripper; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	68308-03-2	Tail gas (petroleum), gas oil catalytic cracking absorber; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68308-05-4	Tail gas (petroleum), gas recovery plant deethanizer; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68308-04-3	Tail gas (petroleum), gas recovery plant; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68308-06-5	Tail gas (petroleum), hydrodesulfurized distillate and hydrodesulfurized naphtha fractionator, acid-free; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68478-30-8	Tail gas (petroleum), hydrodesulfurized straight-run naphtha separator; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68308-07-6	Tail gas (petroleum), hydrodesulfurized vacuum gas oil stripper, hydrogen sulfide-free; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68308-08-7	Tail gas (petroleum), isomerized naphtha fractionation stabilizer; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68308-09-8	Tail gas (petroleum), light straight-run naphtha stabilizer, hydrogen sulfide-free; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68308-11-2	Tail gas (petroleum), propane-propylene alkylation feed prep deethanizer; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68478-32-0	Tail gas (petroleum), saturate gas plant mixed stream, C4-rich; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68478-33-1	Tail gas (petroleum), saturate gas recovery plant, C1-2-rich; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68308-10-1	Tail gas (petroleum), straight-run distillate hydrodesulfurizer, hydrogen sulfide-free; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68952-80-7	Tail gas (petroleum), straight-run naphtha hydrodesulfurizer; Refinery gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68952-82-9	Tail gas (petroleum), thermal cracked hydrocarbon fractionation stabilizer, petroleum coking; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68952-81-8	Tail gas (petroleum), thermal-cracked distillate, gas oil and naphtha absorber; petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	68308-12-3	Tail gas (petroleum), vacuum gas oil hydrodesulfurizer, hydrogen sulfide-free; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68478-34-2	Tail gas (petroleum), vacuum residues thermal cracker; Petroleum gas	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
Tar acids, distillate phenols, crude phenols and other related fractions	No CAS RN	Tar acids, distillate phenols, crude phenols and other related fractions			
	84989-07-1	Tar acids, 3,5-xylenol fraction; Distillate Phenols	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92062-22-1	Tar acids, brown-coal gasification; Crude Phenols	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	94114-29-1	Tar acids, brown-coal, C2-alkylphenol fraction; Distillate Phenols	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	101316-86-3	Tar acids, brown-coal, crude; Crude Phenols	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	65996-85-2	Tar acids, coal, crude; Crude Phenols	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68555-24-8	Tar acids, cresylic, residues; Distillate Phenols	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68815-21-4	Tar acids, cresylic, sodium salts, caustic solns.; Alkaline Extract	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92062-26-5	Tar acids, cresylic; Distillate Phenols	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	96690-55-0	Tar acids, distn. residues; Distillate Phenols	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	84989-03-7	Tar acids, ethylphenol fraction; Distillate Phenols	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	84989-04-8	Tar acids, methylphenol fraction; Distillate Phenols	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	84989-05-9	Tar acids, polyalkylphenol fraction; Distillate Phenols	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	68477-23-6	Tar acids, residues, distillates, first-cut; Distillate Phenols	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	84989-06-0	Tar acids, xylene fraction; Distillate Phenols	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
Tar bases, coal and other Distillate Bases	No CAS RN	Tar bases, coal and other Distillate Bases			
	92062-27-6	Tar bases, coal, aniline fraction; Distillate Bases;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92062-28-7	Tar bases, coal, collidine fraction; Distillate Bases;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	65996-84-1	Tar bases, coal, crude; Crude Tar Bases;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92062-29-8	Tar bases, coal, distn. residues; Distillate Bases;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	91082-52-9	Tar bases, coal, lutidine fraction; Distillate Bases	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	92062-33-4	Tar bases, coal, picoline fraction; Distillate Bases;	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	70321-67-4	Tar bases, coal, quinoline derivs. fraction; Distillate Bases	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	91082-53-0	Tar bases, coal, toluidine fraction; Distillate Bases	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	68513-87-1	Tar bases, quinoline derivs.; Distillate Bases	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
Tar oils, coal and oil fractions	No CAS RN	Tar oils, coal and oil fractions			
	94114-40-6	Tar oils, brown-coal; Light Oil	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	101316-87-4	Tar oils, coal, low-temp.; Tar Oil, high boiling	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
	65996-82-9	Tar oils, coal; Carbolic Oil	Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
Tar, brown-coal	No CAS RN	Tar, brown-coal			
	101316-83-0	Tar, brown-coal	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	101316-84-1	Tar, brown-coal, low-temperature	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
Tars, coal	No CAS RN	Tars, coal			
	8007-45-2	Tar, coal; Coal tar	Carcinogenicity	EC Annex VI CMRs - Cat. 1A; IARC Carcinogens - 1; NTP 12th RoC - known	
	92062-20-9	Tar, coal; high-temp., distn. and storage residues; Coal Tar Solids Residue	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	68990-61-4	Tar, coal; high-temp., high-solids; Coal Tar Solids Residue	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	100684-51-3	Tar, coal; high-temp., residues; Coal Tar Solids Residue	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	65996-89-6	Tar, coal; high-temp.; Coal tar	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	101316-85-2	Tar, coal; low-temp., distn. residues; Tar Oil, intermediate boiling	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
	65996-90-9	Tar, coal; low-temp.; Coal oil	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	91082-50-7	Tar, coal; storage residues; Coal Tar Solids Residue	Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
Toluene Diisocyanates	No CAS RN	Toluene Diisocyanates			
	91-08-7	2-Methyl-m-phenylene diisocyanate; toluene-2,4-di-isocyanate	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
	584-84-9	4-Methyl-m-phenylene diisocyanate; toluene-2,6-di-isocyanate	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1; OEHHA RELs	Yes

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	26471-62-5	m-Tolylidene diisocyanate; toluene-diisocyanate	Carcinogenicity; Dermatotoxicity; Digestive System Toxicity; Respiratory Tox	CA TACs; EC Annex VI Resp. Sens. - Cat. 1; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; OEHHA RELs; Prop 65	Yes
Tributyl Compounds	No CAS RN	Tributyl Compounds			
	No CAS RN	Tributyltin carboxylate (EDF-499)	Endocrine Tox	EC EDs - Cat. 1	
	688-73-3	Tributyltin hydride, Stannane, tributyl-	Bioaccumulation; Endocrine Tox; Environ. Persistence; Toxicity undefined*	Canada PBiTs; EC EDs - Cat. 1	
	2155-70-6	Tributyltin methacrylate	Bioaccumulation; Developmental Tox; Endocrine Tox; Environ. Persistence; Toxicity undefined*	Canada PBiTs; EC EDs - Cat. 1; Prop 65	
	26636-32-8	Tributyltin naphthalate	Endocrine Tox	EC EDs - Cat. 1	
	No CAS RN	Tributyltin polyethoxylate (EDF-500)	Endocrine Tox	EC EDs - Cat. 1	
Trihalomethanes	No CAS RN	Trihalomethanes			
	75-27-4	Bromodichloromethane	Carcinogenicity; Hazard Trait Under Review; Nephrotox, Urinary System	CA MCLs; CDC 4th National Exposure Report; CWA 303(c); CWA 303(d); IARC Carcinogens - 2B; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; Prop 65	Yes

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	75-25-2	Bromoform	Carcinogenicity; Hazard Trait Under Review; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurotox	ATSDR Neurotoxicants; CA MCLs; CA TACs; CDC 4th National Exposure Report; CWA 303(c); CWA 303(d); IRIS Carcinogens - B2; Prop 65	Yes
	67-66-3	Chloroform	Carcinogenicity; Cardiovascular Tox; Developmental Tox; Digestive System Toxicity; Hazard Trait Under Review; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurotox; Reproductive Tox; Respiratory Tox	ATSDR Neurotoxicants; CA MCLs; CA TACs; CDC 4th National Exposure Report; CWA 303(c); CWA 303(d); IARC Carcinogens - 2B; IRIS Carcinogens - Likely Carcin.; NTP 12th RoC - reasonable; OEHHA RELs; Prop 65	Yes
	124-48-1	Dibromochloromethane	Carcinogenicity; Hazard Trait Under Review; Hepatotoxicity, Digestive System Tox; Neurotox	ATSDR Neurotoxicants; CA MCLs; CDC 4th National Exposure Report; CWA 303(c); CWA 303(d)	Yes
Trimethylbenzenes	No CAS RN	Trimethylbenzenes			
	95-63-6	1,2,4-Trimethylbenzene	Nephrotox, Urinary System	CA NLS	
	108-67-8	1,3,5-Trimethylbenzene	Nephrotox, Urinary System	CA NLS	
Trimethylhexamethylene-1,6-di-isocyanates	No CAS RN	Trimethylhexamethylene-1,6-di-isocyanates			

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	16938-22-0	2,2,4-trimethylhexamethylene-1,6-di-isocyanate	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
	15646-96-5	2,4,4-trimethylhexamethylene-1,6-di-isocyanate	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
Trinickel, other salts	No CAS RN	Trinickel, other salts			
	13477-70-8	Trinickel bis(arsenate); nickel(II) arsenate	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	74646-29-0	Trinickel bis(arsenite)	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	10381-36-9	Trinickel bis(orthophosphate)	Carcinogenicity; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI Resp. Sens. - Cat. 1	
	12007-02-2	Trinickel boride	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
	12035-72-2	Trinickel disulfide, Nickel subsulfide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A; IRIS Carcinogens - A; Prop 65	
	12137-12-1	Trinickel tetrasulfide	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	

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