

STATE OF CALIFORNIA
ENVIRONMENTAL PROTECTION AGENCY
DEPARTMENT OF TOXIC SUBSTANCES CONTROL

SAFER CONSUMER PRODUCTS REGULATIONS –
INFORMATIONAL "INITIAL" 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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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	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	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 Clean Water Act
CWA 303(d)	
1A	Chemicals classified by the European Commission as carcinogens, mutagens, and/or reproductive toxicants Categories 1A and 1B in Annex
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	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

IRIS Carcinogens - B1	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 - B2	
IRIS Carcinogens - Carcin. 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 Carcinogens, United States Environmental Protection Agency
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	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	identified by the United States Environmental Protection Agency’s National Waste Minimization Program
US EPA TRI PBTs	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	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.

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
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; OEHH RELs; Prop 65	Yes
Aromatic amines	No CAS RN	Aromatic amines	Carcinogenicity	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
	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-Toluidine;(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
	101-14-4	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

*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

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	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
	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
	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
	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
Aromatic Azo Compounds	No CAS RN	Aromatic Azo Compounds			
	60-11-7	p-Dimethylaminoazobenzene	Carcinogenicity; Dermatotoxicity	CA TACs; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	Yes
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
	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			

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	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
	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
	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
	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
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

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	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
Butylbenzyl phthalate and metabolite	No CAS RN	Butylbenzyl phthalate and metabolite			
	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
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
	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

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	No CAS RN	Cadmium compounds	Carcinogenicity; Nephrotox, Urinary System; Respiratory Tox	CA TACs; NTP 12th RoC - known; OEHHA RELs; Prop 65	Yes
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
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
	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
Dibutyl phthalate and metabolites	No CAS RN	Dibutyl phthalate and metabolites			

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	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
	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
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
Diethyl hexyl phthalate and metabolites	No CAS RN	Diethyl hexyl phthalate and metabolites			

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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
	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
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
Di-isodecyl phthalate and metabolite	No CAS RN	Di-isodecyl phthalate and metabolite			

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	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
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
Dinitrotoluenes	No CAS RN	Dinitrotoluenes			
	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
	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
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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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)			
	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
	8008-20-6	Fuel Oils / Kerosene	Environmental Toxicity*; Neurotox	ATSDR Neurotoxicants; CWA 303(d)	Yes
Gasoline (automotive, refined, processed, recovered, and other unspecified fractions)	No CAS RN	Gasoline (automotive, refined, processed, recovered, and other unspecified fractions)			
	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
Glycol ethers	No CAS RN	Glycol ethers	Respiratory Tox	CA TACs	
	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
	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			

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	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
Hydrazine, Hydrazine compounds and salts	No CAS RN	Hydrazine, Hydrazine compounds and salts			
	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
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

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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
Methylene diphenyl diisocyanates	No CAS RN	Methylene diphenyl diisocyanates			
	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

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
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
Nickel oxides	No CAS RN	Nickel oxides			
	1313-99-1	Nickel monoxide	Carcinogenicity; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; OEHHA RELs; Prop 65	Yes
Nitrosamines	No CAS RN	Nitrosamines			
	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
	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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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	59-89-2	N-Nitrosomorpholine	Carcinogenicity	CA TACs; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	Yes
	684-93-5	N-Nitroso-N-methylurea	Carcinogenicity; Dermatotoxicity	CA TACs; IARC Carcinogens - 2A; NTP 12th RoC - reasonable; Prop 65	Yes
	121-82-4	RDX (Cyclonite)	Carcinogenicity; Neurotox	ATSDR Neurotoxicants; CA NLS	Yes
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	
	25154-52-3	Nonylphenol	Bioaccumulation; Endocrine Tox; Environ. Persistence; Toxicity undefined*	EC EDs - Cat. 1; OSPAR Priority Action Part A	Yes
	9016-45-9	Nonylphenolethoxylate	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
	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
Perfluorochemicals	No CAS RN	Perfluorochemicals			

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 "INITIAL" 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
	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
Petroleum; Crude oil	No CAS RN	Petroleum; Crude oil			
	No CAS RN	Used Mineral-based Crankcase Oil	Environmental Toxicity*; Neurotox	ATSDR Neurotoxicants; CWA 303(d)	Yes
Polybrominated diphenyl ethers (PBDEs) congeners	68928-80-3	Polybrominated diphenyl ethers (PBDEs) congeners			
	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
	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
	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
	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

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 "INITIAL" 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
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
	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
	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

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	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
	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
	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

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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
	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

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	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
	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
	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

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	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
	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
	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
	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
	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

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	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
	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
	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

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
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
	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
	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

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	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
	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
	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

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
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
	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

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	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
	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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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
	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

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Group Name	CAS RN	Candidate Chemical and/or Group Name	Hazard Trait	Authoritative List Name	Initial List
	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
	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
Polycyclic Aromatic Hydrocarbons (PAHs)	No CAS RN	Polycyclic Aromatic Hydrocarbons (PAHs)	Bioaccumulation; Environ. Persistence; Toxicity undefined*	OSPAR Priority Action Part A	
	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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	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
	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

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	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
	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
	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
	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

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	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
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; OEHA 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
Toluene Diisocyanates	No CAS RN	Toluene Diisocyanates			
	584-84-9	4-Methyl-m-phenylene diisocyanate; toluene-2,6-di-isocyanate	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1; OEHA RELs	Yes

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	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
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
	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

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