

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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SAFER CONSUMER PRODUCTS REGULATIONS –
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SEPTEMBER 26, 2013

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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 SEPTEMBER 26, 2013

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 LIST- SEPTEMBER 26, 2013

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
119738-06-6	(±) Tetrahydrofurfuryl (R)-2-[4-(6-chloroquinoxalin-2-yloxy)phenoxy]propionate		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
54275-93-3	(1S,3S,5R,6R)-(4-nitrophenylmethyl)-1-dioxo-6-phenylacetamido-penam-3-carboxylate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
76109-32-5	(1S,4R,6R,7R)-(4-nitrophenylmethyl)3-methylene-1-oxo-7-phenylacetamido-cepham-4-carboxylateido-penam-3-carboxylate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
40722-80-3	(2-chloroethyl)(3-hydroxypropyl)ammonium chloride		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
105024-66-6	(4-ethoxyphenyl)(3-(4-fluoro-3-phenoxyphenyl)propyl)dimethylsilane		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
108225-03-2	(6-(4-hydroxy-3-(2-methoxyphenylazo)-2-sulfonato-7-naphthylamino)-1,3,5-triazin-2,4-diyl)bis[(amino-1-methylethyl)ammonium] formate		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
82413-20-5	(E)-3-[1-[4-[2-(dimethylamino)ethoxy]phenyl]-2-phenylbut-1-enyl]phenol		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
118658-99-4	(methylenebis(4,1-phenylenazo(1-(3-(dimethylamino)propyl)-1,2-dihydro-6-hydroxy-4-methyl-2-oxopyridine-5,3-diyl)))-1,1'-dipyridinium dichloride dihydrochloride		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
5543-58-8	(R)-4-hydroxy-3-(3-oxo-1-phenylbutyl)-2-benzopyrone		Reproductive Tox	EC Annex VI CMRs - Cat. 1A	
5543-57-7	(S)-4-hydroxy-3-(3-oxo-1-phenylbutyl)-2-benzopyrone		Reproductive Tox	EC Annex VI CMRs - Cat. 1A	
29398-96-7	[1,1'-Biphenyl]-4,4'-diamine, N,N'-bis(2,4-dinitrophenyl)-3,3'-dimethoxy-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
42479-88-9	[1,1'-Biphenyl]-4-ol, 3,4'-bis(1,1-dimethylethyl)-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
91696-90-1	[2,6'-Bibenzothiazole]-7-sulfonic acid, 2'-(4-aminophenyl)-6-methyl-, diazotized, coupled with diazotized 4-aminobenzenesulfonic acid and resorcinol, sodium salts		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
542-75-6	1,3-dichloropropene		Environmental Toxicity*	CWA 303(d)	
214353-17-0	1-(2-amino-5-chlorophenyl)-2,2,2-Trifluoro-1,1-ethanediol, hydrochloride		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
13909-09-6	1-(2-Chloroethyl)-3-(4-methylcyclohexyl)-1-nitrosourea; Methyl-CCNU; Semustine		Carcinogenicity	IARC Carcinogens - 1; NTP 12th RoC - known; Prop 65	

*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 LIST- SEPTEMBER 26, 2013

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
63133-84-6	1(2H)-Quinolineethanol, 6-[(2-chloro-4,6-dinitrophenyl) azo]-3,4-dihydro-2,2,4,7-tetramethyl-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
63467-15-2	1(2H)-Quinolinepropanamide, 6-(2,2-dicyanoethenyl)-3, 4-dihydro-2,2,4,7-tetramethyl-N-phenyl-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
630-20-6	1,1,1,2-Tetrachloroethane		Carcinogenicity; Neurotox	CWA 303(c); CWA 303(d); IARC Carcinogens - 2B	Yes
2971-22-4	1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane		Endocrine Tox	EC EDs - Cat. 1	
71-55-6	1,1,1-Trichloroethane; Methyl chloroform		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
79-34-5	1,1,2,2-Tetrachloroethane		Carcinogenicity; Hazard Trait Under Review; Hepatotoxicity, Digestive System Tox; Neurotox; Ocular Tox; Respiratory Tox	CA MCLs; CA TACs; CDC 4th National Exposure Report; CWA 303(c); CWA 303(d); IARC Carcinogens - 2B; IRIS Carcinogens - Likely Carcin.; Prop 65	Yes
79-00-5	1,1,2-Trichloroethane		Carcinogenicity; Dermatotoxicity; Hazard Trait Under Review; Hepatotoxicity, Digestive System Tox; Immunotox; Nephrotox, Urinary System; Neurotox	ATSDR Neurotoxicants; CA MCLs; CA TACs; CDC 4th National Exposure Report; CWA 303(c); CWA 303(d); Prop 65	Yes
76-13-1	1,1,2-Trichlorotrifluoroethane; CFC-113 (C2F3Cl3)		Hepatotoxicity, Digestive System Tox	CA MCLs; CWA 303(d)	

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75-34-3	1,1-Dichloroethane		Carcinogenicity; Cardiovascular Tox; Dermatotoxicity; Hazard Trait Under Review; Nephrotox, Urinary System; Neurotox; Other Hazard Trait	CA MCLs; CA TACs; CDC 4th National Exposure Report; CWA 303(c); CWA 303(d); Prop 65	Yes
2971-36-0	1,1-Trichloro-2,2-bis(4-hydroxyphenyl)ethane (HPTE)		Endocrine Tox	EC EDs - Cat. 1	
96-18-4	1,2,3-Trichloropropane		Carcinogenicity; Hepatotoxicity, Digestive System Tox; Reproductive Tox	CWA 303(c); EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2A; IRIS Carcinogens - Likely Carcin.; NTP 12th RoC - reasonable; Prop 65	Yes
37853-59-1	1,2-Bis(2,4,6-tribromophenoxy)ethane (BTBPE)		Endocrine Tox	CECBP - Priority Chemicals	
3322-93-8	1,2-Dibromo-4-(1,2-dibromoethyl)cyclohexane		Genotoxicity; Reproductive Tox	CECBP - Priority Chemicals	
563-54-2	1,2-dichloropropylene		Environmental Toxicity*	CWA 303(d)	
629-14-1	1,2-Diethoxyethane		Reproductive Tox	EC Annex VI CMRs - Cat. 1A	
1615-80-1	1,2-Diethylhydrazine		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
540-73-8	1,2-Dimethylhydrazine		Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2A; Prop 65	
122-66-7	1,2-Diphenylhydrazine; Hydrazobenzene		Carcinogenicity	CA TACs; CWA 303(c); CWA 303(d); EC Annex VI CMRs - Cat. 1B; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; Prop 65	Yes

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106-88-7	1,2-Epoxybutane		Carcinogenicity; Cardiovascular Tox; Respiratory Tox	CA TACs; IARC Carcinogens - 2B; OEHHA RELs	Yes
3271-22-5	1,3,5-Triazine, 2,4-dimethoxy-6-(1-pyrenyl)-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
2451-62-9	1,3,5-Triglycidyl-s-triazinetrione, 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; [TGIC]		Genotoxicity; Reproductive Tox	EC Annex VI CMRs - Cat. 1B; Prop 65	
No CAS RN	1,3,5-tris(3-aminomethylphenyl)-1,3,5-(1H,3H,5H)-triazine-2,4,6-trione, (E.C. No: 421-550-1)		Carcinogenicity; Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
59653-74-6	1,3,5-tris-[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione		Genotoxicity	EC Annex VI CMRs - Cat. 1B	
72828-64-9	1,3-Benzenedicarbonitrile, 2-[[4-[[2-(acetyloxy)ethyl] butylamino]-2-methylphenyl]azo]-5-nitro-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
106-99-0	1,3-Butadiene		Carcinogenicity; Developmental Tox; Genotoxicity; Neurotox; Reproductive Tox; Respiratory Tox	ATSDR Neurotoxicants; CA TACs; EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 1; IRIS Carcinogens - Carcin.; NTP 12th RoC - known; OEHHA RELs; Prop 65	Yes
30668-06-5	1,3-Dichloro-2,2-bis(4-methoxy-3-methylphenyl)propane		Endocrine Tox	EC EDs - Cat. 1	
96-23-1	1,3-Dichloro-2-propanol; (1,3-DCP)		Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; Prop 65	
99-65-0	1,3-Dinitrobenzene		Reproductive Tox	Prop 65	
1120-71-4	1,3-Propane sultone; 1,2-Oxathiolane 2,2-dioxide		Carcinogenicity	CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; 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.

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93-46-9	1,4-Benzenediamine, N,N'-di-2-naphthalenyl-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
55-98-1	1,4-Butanediol Dimethanesulfonate; Busulfan		Carcinogenicity; Developmental Tox	IARC Carcinogens - 1; NTP 12th RoC - reasonable; Prop 65	
764-41-0	1,4-Dichloro-2-butene		Carcinogenicity	EC Annex VI CMRs - Cat. 1B; Prop 65	
123-91-1	1,4-Dioxane		Carcinogenicity; Cardiovascular Tox; Digestive System Toxicity; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurotox; Ocular Tox; Respiratory Tox	CA NLs; CA TACs; IARC Carcinogens - 2B; IRIS Carcinogens - Likely Carcin.; NTP 12th RoC - reasonable; OEHA RELs; Prop 65	Yes
3173-72-6	1,5-naphthylene diisocyanate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
83027-52-5	1,7-Naphthalenedisulfonic acid, 6-[[2-(2-cyclohexylphenoxy) phenyl]azo]-4-[[2,4-dichlorophenoxy)acetyl]amino]-5-hydroxy-, disodium salt		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
83027-51-4	1,7-Naphthalenedisulfonic acid, 6-[[2-(4-cyclohexylphenoxy) phenyl]azo]-4-[[2,4-dichlorophenoxy)acetyl]amino]-5-hydroxy-, disodium salt		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
440-17-5	10H-Phenothiazine, 10-[3-(4-methyl-1-piperazinyl) propyl]-2-(trifluoromethyl)-, dihydrochloride		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
58-38-8	10H-Phenothiazine, 2-chloro-10-[3-(4-methyl-1-piperazinyl)propyl]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	

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81-49-2	1-Amino-2,4-dibromoanthraquinone		Carcinogenicity	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
82-28-0	1-Amino-2-methylantraquinone		Carcinogenicity	NTP 12th RoC - reasonable; Prop 65	
106-94-5	1-Bromopropane (1-BP); n-Propylbromide		Developmental Tox; Reproductive Tox	EC Annex VI CMRs - Cat. 1B; NTP OHAT - Repr. or Dev. Toxicants; Prop 65	
100-00-5	1-Chloro-4-nitrobenzene		Carcinogenicity	Prop 65	
678-39-7	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9, 9,10,10,10-heptafluoro-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
28118-10-7	1H-Benzimidazolium, 5,6-dichloro-2-[3-(5,6-dichloro-1,3-diethyl-1,3-dihydro-2H-benzimidazol-2-ylidene)-1-propenyl]-1-ethyl-3-(3-sulfobutyl)-, hydroxide, inner salt		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
No CAS RN	1-Heptanesulfonamide, decafluorinated compounds	Yes	Refer to Group Member List	Refer to Group Member List	
24169-02-6	1H-Imidazole, 1-[2-[(4-chlorophenyl)methoxy]-2-(2,4-dichlorophenyl)ethyl]-, mononitrate		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
108004-27-9	1H-Imidazole-1-ethanol, α -(2,4-dichlorophenyl) - α -[2-(2,4-dichlorophenyl)cyclopropyl]-, [1 α (R),2 β]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
116-66-5	1H-Indene, 2,3-dihydro-1,1,3,3,5-pentamethyl-4,6-dinitro-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
129-43-1	1-Hydroxyanthraquinone		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
90-12-0	1-Methylnaphthalene		Neurotox	ATSDR Neurotoxicants	

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70660-55-8	1-Naphthalenamine, 4-[(2-bromo-4,6-dinitrophenyl) azo]-N-(3-methoxypropyl)-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
114910-04-2	1-Naphthalenediazonium, 4-[[4-[(4-nitro-2-sulfophenyl) amino]phenyl]azo]-6-sulfo-, chloride, reaction products with formaldehyde and salicylic acid, ammonium sodium salts		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
1325-86-6	1-Naphthalenemethanol, α,α -bis[4-(diethylamino) phenyl]-4-(ethylamino)-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
1325-85-5	1-Naphthalenemethanol, α,α -bis[4-(dimethylamino) phenyl]-4-(methylphenylamino)-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
6786-83-0	1-Naphthalenemethanol, α,α -bis[4-(dimethylamino) phenyl]-4-(phenylamino)-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
515-03-7	1-Naphthalenepropanol, α -ethenyldecahydro- 2-hydroxy- $\alpha,2,5,5,8a$ -pentamethyl-, [1R-[1 α (R),2 β ,4 $\alpha\beta$,8 $\alpha\alpha$]]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
6420-06-0	1-Naphthalenesulfonic acid, 4-hydroxy-3-[[4'-[(1-hydroxy- 5-sulfo-2-naphthalenyl)azo]-3,3'-dimethyl[1,1' -biphenyl]-4-yl]azo]-, disodium salt		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
6535-42-8	1-Naphthalenol, 4-[(4-ethoxyphenyl)azo]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
134-32-7	1-Naphthylamine		Carcinogenicity	Prop 65	
108-03-2	1-Nitropropane		Refer to Group Member List	Refer to Group Member List	
17202-41-4	1-Nonanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7, 7,8,8,9,9,9-nonadecafluoro-, ammonium salt		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 LIST- SEPTEMBER 26, 2013

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
No CAS RN	1-Octanesulfonamide, heptadecafluorinated compounds and salts	Yes	Refer to Group Member List	Refer to Group Member List	
647-42-7	1-Octanol, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
68298-13-5	1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-methyl-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
68555-72-6	1-Pentanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5, 5,5-undecafluoro-N-(2-hydroxyethyl)-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
38006-74-5	1-Propanaminium, 3-[[heptadecafluorooctyl sulfonyl]amino]-N,N,N-trimethyl-, chloride		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
1652-63-7	1-Propanaminium, 3-[[heptadecafluorooctyl sulfonyl]amino]-N,N,N-trimethyl-, iodide		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
60352-98-9	1-Propanaminium, 3-[[4-[(2,4-dimethylphenyl) amino]-9,10-dihydro-9,10-dioxo-1-anthracenyl]amino]-N,N,N-trimethyl-, methyl sulfate		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
72828-93-4	1-Propanaminium, 3-[[9,10-dihydro-4-[(4-methylphenyl) amino]-9,10-dioxo-1-anthracenyl]amino] -N,N,N-trimethyl-, methyl sulfate		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
111-41-1	2-(2-aminoethylamino)ethanol; (AEEA)		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
2094-99-7	2-(3-(prop-1-en-2-yl)phenyl)prop-2-yl isocyanate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
83056-32-0	2-(isocyanatosulfonylmethyl)benzoic acid methyl ester; (alt.):methyl 2-(isocyanatosulfonylmethyl)benzoate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
59080-40-9	2,2',4,4',5,5'-Hexabromobiphenyl (BB 153)		Carcinogenicity; Developmental Tox; Endocrine Tox	CECBP - Priority Chemicals	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
540-84-1	2,2,4-Trimethylpentane		Neurotox; Respiratory Tox	CA TACs	
3296-90-0	2,2-Bis(bromomethyl)propane-1,3-diol		Carcinogenicity	CECBP - Priority Chemicals; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	Yes
23488-38-2	2,3,5,6-Tetrabromo-p-xylene		Hazard Trait Under Review	CECBP - Priority Chemicals	
67733-57-7	2,3,7,8-Tetrabromodibenzofuran		Bioaccumulation; Environ. Persistence; Toxicity undefined*	WA PBTs	
50585-41-6	2,3,7,8-Tetrabromodibenzo-p-dioxin		Bioaccumulation; Endocrine Tox; Environ. Persistence; Toxicity undefined*	EC EDs - Cat. 1; WA PBTs	
96-13-9	2,3-Dibromo-1-propanol		Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
35109-60-5	2,3-Dibromopropyl-2,4,6-tribromophenyl ether (DPTE)		Carcinogenicity; Endocrine Tox	CECBP - Priority Chemicals	
616-23-9	2,3-Dichloropropanol		Refer to Group Member List	Refer to Group Member List	
3033-77-0	2,3-Epoxypropyltrimethylammonium chloride; Glycidyl trimethylammonium chloride		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
73003-64-2	2,4,10-Trioxa-7-azaundecan-11-oic acid, 7-[4-[(2,6-dichloro-4-nitrophenyl) azo]-3-methylphenyl]-3-oxo-, methyl ester		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBTs	
118-79-6	2,4,6-Tribromophenol		Carcinogenicity; Endocrine Tox	CECBP - Priority Chemicals	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
81-15-2	2,4,6-Trinitro-1,3-dimethyl-5-tert-butylbenzene; musk xylene		Bioaccumulation; Environ. Persistence; Toxicity undefined*	EC PBTs; OSPAR Priority Action Part A	Yes
732-26-3	2,4,6-Tri-tert-butylphenol		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBTs; OSPAR Priority Action Part A	Yes
118-96-7	2,4,6-Trinitrotoluene (TNT)		Carcinogenicity	CA NLs; Prop 65	Yes
615-58-7	2,4-Dibromophenol		Hazard Trait Under Review	CECBP - Priority Chemicals	
142-83-6	2,4-Hexadienal		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
No CAS RN	2,5-bis-isocyanatomethyl-bicyclo[2.2.1]heptane (E.C. No: 411-280-2)		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
No CAS RN	2,7-Naphthalenedisulfonic acids (and salts of)	Yes	Refer to Group Member List	Refer to Group Member List	
85702-90-5	2,9,11,13-Tetraazanadecanethioic acid, 19-isocyanato-11-(6-isocyanatohexyl)-10,12-dioxo-, S-[3-(trimethoxysilyl)propyl] ester		Bioaccumulation; Environ. Persistence; Respiratory Tox; Toxicity undefined*	Canada PBTs; EC Annex VI Resp. Sens. - Cat. 1	
151798-26-4	2-[2-hydroxy-3-(2-chlorophenyl)carbamoyl-1-naphthylazo]-7-[2-hydroxy-3-(3-methylphenyl)carbamoyl-1-naphthylazo]fluoren-9-one		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
16834-13-2	21H,23H-Porphine, 5,10,15,20-tetra-4-pyridinyl-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBTs	
53-96-3	2-Acetylaminofluorene		Carcinogenicity; Hazard Trait Under Review	CA TACs; NTP 12th RoC - reasonable; Prop 65	Yes
76180-96-6	2-Amino-3-methylimidazo[4,5-f]quinoline		Carcinogenicity	IARC Carcinogens - 2A; NTP 12th RoC - reasonable; Prop 65	
117-79-3	2-Aminoanthraquinone		Carcinogenicity	NTP 12th RoC - reasonable; Prop 65	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
153-78-6	2-Aminofluorene		Carcinogenicity	Prop 65	
6409-68-3	2-Anthracenecarboxaldehyde, 1-amino-9,10-dihydro-9,10-dioxo-, 2-[(1-amino-9,10-dihydro-9,10-dioxo-2-anthracenyl)methylene]hydrazone		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
6471-01-8	2-Anthracenesulfonic acid, 4,4'-[(1-methylethylidene) bis(4,1-phenyleneimino)]bis[1-amino-9,10-dihydro-9,10-dioxo-, disodium salt		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
No CAS RN	2-Bromoallyl-2,4,6-tribromophenyl ether		Hazard Trait Under Review	CECBP - Priority Chemicals	
75-26-3	2-Bromopropane (2-BP)		Developmental Tox; Reproductive Tox	EC Annex VI CMRs - Cat. 1A; NTP OHAT - Repr. or Dev. Toxicants; Prop 65	
70776-86-2	2-Butanone, 4-[[[1,2,3,4,4a,9,10,10a- octahydro-1,4a-dimethyl-7-(1-methylethyl)-1-phenanthrenyl]methyl](3-oxo-3-phenylpropyl)amino]-, [1R-(1 α ,4 α ,10 α)]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
94723-86-1	2-Butyryl-3-hydroxy-5-thiocyclohexan-3-yl-cyclohex-2-en-1-one		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
2040-90-6	2-Chloro-6-fluoro-phenol		Genotoxicity	EC Annex VI CMRs - Cat. 1B	
532-27-4	2-Chloroacetophenone		Dermatotoxicity; Ocular Tox; Respiratory Tox	CA TACs	
598-78-7	2-Chloropropionic acid		Reproductive Tox	Prop 65	
183658-27-7	2-Ethyl-1-hexyl-2,3,4,5-tetrabromobenzoate (TBB)		Carcinogenicity; Developmental Tox; Reproductive Tox	CECBP - Priority Chemicals	
149-57-5	2-Ethylhexanoic acid		Developmental Tox	Prop 65	
No CAS RN	2-Ethylhexyl diphenyl phosphate		Hazard Trait Under Review	CECBP - Priority Chemicals	
80387-97-9	2-Ethylhexyl[[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]thio]acetate		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
5466-77-3	2-Ethyl-hexyl-4-methoxycinnamate		Endocrine Tox	EC EDs - Cat. 1	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
1871-22-3	2H-Tetrazolium, 3,3'-(3,3'-dimethoxy[1,1'- biphenyl]-4,4'-diyl)bis[2,5-diphenyl-, dichloride		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
1589-47-5	2-Methoxypropanol		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
70657-70-4	2-Methoxypropyl acetate		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
129-15-7	2-Methyl-1-nitroanthraquinone (of uncertain purity)		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
75-55-8	2-Methylaziridine (Propyleneimine)		Carcinogenicity; Dermatotoxicity; Digestive System Toxicity; Nephrotox, Urinary System; Ocular Tox; Respiratory Tox	CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	Yes
693-98-1	2-Methylimidazole		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
95-48-7	2-Methylphenol, o-Cresol		Dermatotoxicity; Neurotox; Respiratory Tox	CA TACs; IRIS Neurotoxicants	Yes
612-52-2	2-Naphthalenamine		Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
No CAS RN	2-Naphthalenecarboxamide derivatives	Yes	Refer to Group Member List	Refer to Group Member List	
71832-83-2	2-Naphthalenecarboxylic acid, 4-[(5-chloro-4-methyl-2-sulfophenyl) azo]-3-hydroxy-, magnesium salt (1:1)		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
70210-08-1	2-Naphthalenesulfonamide, N-[2-(acetyloxy)ethyl]-6- hydroxy-N-methyl-5-[[4-(phenylazo)phenyl]azo]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
71720-89-3	2-Naphthalenesulfonic acid, 5-[[4-(4-cyclohexylphenoxy) -2-sulfophenyl]azo]-6-[(2,6-dimethylphenyl)amino]-4-hydroxy-, disodium salt		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
71032-95-6	2-Naphthalenesulfonic acid, 7-[[[4,6-bis[[3-(diethylamino) propyl]amino]-1,3,5-triazin-2-yl]amino]-4-hydroxy -3-[[4-(phenylazo)phenyl]azo]-, monoacetate (salt)		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
No CAS RN	2-Naphthalenol (and compounds)	Yes	Refer to Group Member List	Refer to Group Member List	
553-00-4	2-Naphthylammonium acetate and 2-Naphthylammonium chloride, salts of		Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
91-23-6	2-Nitroanisole		Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
79-46-9	2-Nitropropane		Carcinogenicity; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurotox	CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	Yes
1943-82-4	2-Phenylethyl isocyanate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
68412-48-6	2-Propanone, reaction products with diphenylamine		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
26354-18-7	2-propenoic acid, 2-methyl-, methyl ester = Stannane, tributylmeacrylate		Endocrine Tox	EC EDs - Cat. 1	
36861-47-9	3-(4-Methylbenzylidene)camphor		Endocrine Tox	EC EDs - Cat. 1	
60153-49-3	3-(N-Nitrosomethylamino) propionitrile		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
14047-09-7	3,3',4,4'-Tetrachloroazobenzene		Carcinogenicity	Prop 65	
28434-86-8	3,3'-Dichloro-4,4'-diaminodiphenyl ether		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
612-83-9	3,3'-Dichlorobenzidine dihydrochloride		Carcinogenicity	NTP 12th RoC - reasonable; Prop 65	
20325-40-0	3,3'-Dimethoxybenzidine dihydrochloride		Carcinogenicity	Prop 65	

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CANDIDATE CHEMICALS LIST- SEPTEMBER 26, 2013

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6257-39-2	3,4',5-tris(1,1-dimethylethyl)[1,1'-biphenyl]-4-ol		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
95-76-1	3,4-Dichloroaniline		Endocrine Tox	EC EDs - Cat. 1	
105735-71-5	3,7-Dinitrofluoranthene		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
22506-53-2	3,9-Dinitrofluoranthene		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
132-32-1	3-Amino-9-ethyl carbazole		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
6109-97-3	3-Amino-9-ethylcarbazole hydrochloride		Carcinogenicity	Prop 65	
15087-24-8	3-Benzylidene camphor (3-BC)		Endocrine Tox	EC EDs - Cat. 1	
563-47-3	3-Chloro-2-methylpropene		Carcinogenicity	NTP 12th RoC - reasonable; Prop 65	
143860-04-2	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
85702-64-3	3H-Indol-3-one, 5,7-dibromo-2-(5-bromo-7-chloro-1,3-dihydro-3-oxo-2H-indol-2-ylidene)-1,2-dihydro -		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
3687-67-0	3H-Indol-3-one, 5-bromo-2-(9-chloro-3-oxonaphtho[1,2-b]thien-2(3H)-ylidene)-1,2-dihydro-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
6407-78-9	3H-Pyrazol-3-one, 4-[(2,4-dimethylphenyl)azo] -2,4-dihydro-5-methyl-2-phenyl-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
6407-74-5	3H-Pyrazol-3-one, 4-[(2-chlorophenyl)azo]-2, 4-dihydro-5-methyl-2-phenyl-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
4098-71-9	3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate; isophorone di-isocyanate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
108-39-4	3-Methylphenol; m-Cresol		Musculoskeletal Tox; Neurotox; Respiratory Tox	CA TACs; IRIS Neurotoxicants	Yes

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CANDIDATE CHEMICALS LIST- SEPTEMBER 26, 2013

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17117-34-9	3-Nitrobenzanthrone		Carcinogenicity	IARC Carcinogens - 2B	
302-97-6	3-Oxoandrost-4-ene-17-β-carboxylic acid		Reproductive Tox	EC Annex VI CMRs - Cat. 1A	
No CAS RN	3-Pyridinecarbonitrile (and related compounds)	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	4,4'-Sulfonylbis[2-(2-propen-1-yl)phenol] (TGSA)		Hazard Trait Under Review	CECBP - Priority Chemicals	
612-82-8	4,4'-Bi-o-Toluidine dihydrochloride; 4,4'-Bi-o-Toluidine, salts of		Carcinogenicity	EC Annex VI CMRs - Cat. 1B; Prop 65	
90-94-8	4,4'-Bis(dimethylamino)benzophenone; Michler's Ketone		Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
611-99-4	4,4'-Dihydroxybenzophenon		Endocrine Tox	EC EDs - Cat. 1	
92-88-6	4,4'-Dihydroxybiphenyl = 4,4'-Biphenol		Endocrine Tox	EC EDs - Cat. 1	
6807-17-6	4,4-Isobutylethylidenediphenol		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
106246-33-7	4,4'-Methylene bis(3-chloro-2,6-di-ethylphenylisocyanate) [LONZACURE M-CDEA-I]		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
5124-30-1	4,4'-Methylenedi(cyclohexyl isocyanate); dicyclohexylmethane-4,4'-di-isocyanate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
No CAS RN	4,4'-Methylenedianiline; 4,4'-Diaminodiphenylmethane (MDA)	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
No CAS RN	4,7-bis(mercaptomethyl)-3,6,9-trithia-1,11-undecanedithiol (E.C. 427-050-1)		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
No CAS RN	4-[[bis-(4-fluorophenyl)methylsilyl]methyl]-4H-1,2,4-triazole and 1-[[bis-(4-fluorophenyl)methylsilyl]methyl]-1H-1,2,4-triazole, mixture of- ; (EC # 403-250-2)		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
58161-93-6	4-[1-[[[(2,4-dichlorophenyl) amino]carbonyl]-3,3-dimethyl-2-oxobutoxy]benzoic acid		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
399-95-1	4-Amino-3-fluorophenol		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
101-55-3	4-Bromophenyl phenyl ether, Bromophenyl Phenyl Ether		Bioaccumulation; Environ. Persistence; Environmental Toxicity*; Toxicity undefined*	CWA 303(d); US EPA NWMP PBTs	Yes
95-83-0	4-Chloro-o-phenylenediamine		Carcinogenicity	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
104-12-1	4-Chlorophenyl isocyanate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
7005-72-3	4-Chlorophenyl Phenyl Ether		Environmental Toxicity*	CWA 303(d)	
1131-60-8	4-Cyclohexylphenol		Endocrine Tox	EC EDs - Cat. 1	
53905-33-2	4-Hydroxy-2,2',5'-trichlorobiphenyl		Endocrine Tox	EC EDs - Cat. 1	
14962-28-8	4-Hydroxy-2',4',6-trichlorobiphenyl; [O-H-PCB 30]		Endocrine Tox	EC EDs - Cat. 1	
4400-06-0	4-Hydroxy-3,4',5-trichlorobiphenyl		Endocrine Tox	EC EDs - Cat. 1	
92-69-3	4-Hydroxybiphenyl; (4-Phenylphenol)		Endocrine Tox	EC EDs - Cat. 1	
4083-64-1	4-Isocyanatosulphonyl toluene; tosyl isocyanate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
822-36-6	4-Methylimidazole		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
92-93-3	4-Nitrobiphenyl		Carcinogenicity; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurotox; Ocular Tox; Respiratory Tox	CA TACs; EC Annex VI CMRs - Cat. 1B; Prop 65	Yes
99-99-0	4-Nitrotoluene		Endocrine Tox	EC EDs - Cat. 1	
4027-18-3	4-Oxo-4-[(tributylstannyl)oxy]-2-butenic acid		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBTs	

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CANDIDATE CHEMICALS LIST- SEPTEMBER 26, 2013

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
140-66-9	4-Tert-Octylphenol; 1,1,3,3-Tetramethyl-4-butylphenol		Bioaccumulation; Developmental Tox; Endocrine Tox; Environ. Persistence; Reproductive Tox; Toxicity undefined*	CDC 4th National Exposure Report; EC EDs - Cat. 1; OSPAR Priority Action Part A	Yes
106-87-6	4-Vinyl-1-cyclohexene diepoxide (Vinyl cyclohexenedioxide)		Carcinogenicity; Reproductive Tox	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
100-40-3	4-Vinylcyclohexene		Carcinogenicity; Reproductive Tox	IARC Carcinogens - 2B; Prop 65	
7099-43-6	5,6-Cyclopento-1,2-benzanthracene		Endocrine Tox	EC EDs - Cat. 1	
17321-77-6	5H-Dibenz[b,f]azepine-5-propanamine, 3-chloro-10,11-dihydro-N,N-dimethyl-, monohydrochloride		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
69898-67-5	5-Isobenzofurancarboxylic acid, 1-[4-(diethylamino)-2-ethoxyphenyl] -1-(1-ethyl-2- methyl-1H-indol-3-yl)-1,3 -dihydro-3-oxo-, ethyl ester		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
69898-66-4	5-Isobenzofurancarboxylic acid, 3-[4-(diethylamino)-2-ethoxyphenyl] -3-(1-ethyl-2- methyl-1H-indol-3-yl)-1,3 -dihydro-1-oxo-, ethyl ester		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
484-20-8	5-Methoxypsoralen		Carcinogenicity	IARC Carcinogens - 2A; Prop 65	
99-59-2	5-Nitro-o-anisidine		Refer to Group Member List	Refer to Group Member List	
85136-74-9	6-Hydroxy-1-(3-isopropoxypropyl)-4-methyl-2-oxo-5-[4-(phenylazo)phenylazo]-1,2- dihydro-3-pyridinecarbonitrile		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
111298-82-9	7-Amino-3-((5-carboxymethyl-4-methyl-1,3-thiazol-2-ylthio)methyl)-8-oxo-5-thia-1- azabicyclo(4.2.0)oct-2-ene-2-carboxylic acid		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
199327-61-2	7-Methoxy-6-(3-morpholin-4-yl-propoxy)-3H-quinazolin-4-one; [containing ≥ 0.5 % formamide (E.C. No 200-842-0)]		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	

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

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64338-16-5	7-Oxa-3,20-diazadispiro[5.1.11.2] heneicosan-21-one, 2,2,4,4-tetramethyl-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
123748-85-6	8,9-Dinorborn-5-ene-2,3-dicarboxylic anhydride		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
No CAS RN	9,10-Anthracenedione, and related compounds	Yes	Refer to Group Member List	Refer to Group Member List	
23077-61-4	9H-Carbazole-1-carboxamide, N-(4-chlorophenyl)-2-hydroxy-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
132-61-6	9H-Carbazole-3-carboxamide, N-(4-chlorophenyl)-2-hydroxy-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
26148-68-5	A-alpha-C (2-Amino-9H-pyrido[2,3-b]indole)		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
101316-45-4	Absorption oils, bicyclo arom. and heterocyclic hydrocarbon fraction; Wash Oil Redistillate;		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
75-07-0	Acetaldehyde		Carcinogenicity; Dermatotoxicity; Ocular Tox; Respiratory Tox	CA TACs; IARC Carcinogens - 2B; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; OEHHA RELs; Prop 65	Yes
60-35-5	Acetamide		Carcinogenicity; Dermatotoxicity	CA TACs; IARC Carcinogens - 2B; Prop 65	Yes
56532-53-7	Acetamide, N-[2-[(2,6-dicyano-4-nitrophenyl) azo]-5-(dipropylamino)phenyl]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
42852-92-6	Acetamide, N-[2-[(2-bromo-4,6-dinitrophenyl) azo]-4-methoxy-5-[(phenylmethyl)-2-propenylamino]phenyl]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	

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

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52697-38-8	Acetamide, N-[2-[(2-bromo-4,6-dinitrophenyl) azo]-5-(diethylamino)phenyl]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
68877-63-4	Acetamide, N-[2-[(2-bromo-4,6-dinitrophenyl) azo]-5-[(2-cyanoethyl)-2-propenylamino]-4 -methoxyphenyl]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
2537-62-4	Acetamide, N-[2-[(2-bromo-6-cyano-4- nitrophenyl)azo]-5-(diethylamino)phenyl]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
83249-47-2	Acetamide, N-[2-[(2-bromo-6-cyano-4- nitrophenyl)azo]-5-(dipropylamino)phenyl]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
55252-53-4	Acetamide, N-[2-[(2-cyano-6-iodo-4-nitrophenyl) azo]-5-(diethylamino)phenyl]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
79542-46-4	Acetamide, N-[4-chloro-2-[2-(2-chloro- 4-nitrophenyl)azo]-5-[(2-hydroxy-3-phenoxypropyl)amino]phenyl]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
63134-15-6	Acetamide, N-[5-(dipropylamino)-2-[[5-(ethylthio)-1,3,4-thiadiazol-2-yl]azo]phenyl]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
16421-41-3	Acetamide, N-[5-[[2-(acetyloxy)ethyl] (phenylmethyl)amino]-2-[(2,4-dinitrophenyl)azo]-4 -methoxyphenyl]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
16421-40-2	Acetamide, N-[5-[[2-(acetyloxy)ethyl] (phenylmethyl)amino]-2-[(2-chloro-4,6-dinitrophenyl)azo]-4-methoxyphenyl]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
12239-34-8	Acetamide, N-[5-[bis[2-(acetyloxy)ethyl] amino]-2-[(2-bromo-4,6-dinitrophenyl)azo]-4-ethoxyphenyl]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
67-64-1	Acetone		Neurotox	ATSDR Neurotoxicants	

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

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75-05-8	Acetonitrile		Neurotox	CA TACs; OEHHA RELs	
98-86-2	Acetophenone		Dermatotoxicity; Hematotox; Ocular Tox; Respiratory Tox	CA TACs	
107-02-8	Acrolein		Environmental Toxicity*	CWA 303(d)	
79-06-1	Acrylamide		Carcinogenicity; Dermatotoxicity; Developmental Tox; Genotoxicity; Hematotox; Neurotox; Reproductive Tox; Respiratory Tox	ATSDR Neurotoxicants; CA TACs; CDC 4th National Exposure Report; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2A; IRIS Carcinogens - Likely Carcin.; IRIS Neurotoxicants; NTP 12th RoC - reasonable; NTP OHAT - Repr. or Dev. Toxicants; Prop 65	Yes
79-10-7	Acrylic Acid		Dermatotoxicity; Nephrotox, Urinary System; Respiratory Tox	CA TACs; OEHHA RELs	
107-13-1	Acrylonitrile		Carcinogenicity; Environmental Toxicity*; Neurotox; Respiratory Tox	ATSDR Neurotoxicants; CA TACs; CWA 303(d); EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; IRIS Carcinogens - B1; NTP 12th RoC - reasonable; OEHHA RELs; Prop 65	Yes
64325-78-6	Adenosine, N-benzoyl-5'-O-[bis(4-methoxyphenyl) phenylmethyl]-2'-deoxy-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
3688-53-7	AF-2 [2-(2-Furyl)-3-(5-nitro-2-furyl)acrylamide]		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	

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

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68391-08-2	Alcohols, C8-14, γ - ω -perfluoro		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
90622-53-0	Alkanes, C12-26-branched and linear		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
No CAS RN	Alkanes, C6-C28 chloro- factions	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Alkanes, Petroleum gas (C1-C5 various factions)	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Alkenes, C12-14, hydroformylation products, (and distn. residues, ethoxylated or propoxylated), dihydrogen phosphates, sodium salts	Yes	Refer to Group Member List	Refer to Group Member List	
3278-89-5	Allyl 2,4,6-tribromophenyl ether (ATE)		Hazard Trait Under Review	CECBP - Priority Chemicals	
107-05-1	Allyl chloride		Neurotox; Ocular Tox; Respiratory Tox	CA TACs; IRIS Neurotoxicants	Yes
7429-90-5	Aluminum		Hematotox; Neurotox	ATSDR Neurotoxicants; CA MCLs; CWA 303(d)	Yes
7440-35-9	Americium		Neurotox	ATSDR Neurotoxicants	
79357-73-6	Amines, C18-22-tert-alkyl, (chloromethyl)phosphonates (2:1)		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
68443-10-7	Amines, C18-22-tert-alkyl, ethoxylated		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
68308-48-5	Amines, tallow alkyl, ethoxylated, phosphates		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
7664-41-7	Ammonia, Total		Environmental Toxicity*; Ocular Tox; Respiratory Tox	CWA 303(d); OEHA RELs	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
7789-09-5	Ammonium dichromate		Carcinogenicity; Genotoxicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
No CAS RN	Amylases	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Anhydrides, dicarboxylic and methanophthalic	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Anhydrides, tetrahydro- methylphthalic	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Anhydrides, tetrahydrophthalic	Yes	Refer to Group Member List	Refer to Group Member List	
62-53-3	Aniline		Carcinogenicity; Immunotox; Respiratory Tox	CA TACs; IRIS Carcinogens - B2; Prop 65	Yes
142-04-1	Aniline hydrochloride		Carcinogenicity	Prop 65	
2538-84-3	Anthra[9,1,2-cde]benzo[rst]pentaphene-5,10-diol, 16,17-dimethoxy-, bis(hydrogen sulfate), disodium salt		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
58019-27-5	Anthra[9,1,2-cde]benzo[rst]pentaphene-5,10-dione, diamino-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
No CAS RN	Anthracene oil, extracts and pastes	Yes	Refer to Group Member List	Refer to Group Member List	
84-65-1	Anthraquinone		Carcinogenicity	IARC Carcinogens - 2B	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
No CAS RN	Antimony and Antimony Compounds	Yes	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	
No CAS RN	Aromatic amines	Yes	Carcinogenicity	Prop 65	Yes**
No CAS RN	Aromatic Azo Compounds	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
No CAS RN	Aromatic Hydrocarbon oils, - mixed	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Aromatic hydrocarbons, various fractions, treated or distillation; Pyrolysis Products	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Arsenic acid and its salts	Yes	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
7440-38-2	Arsenic and inorganic arsenic compounds		Carcinogenicity; Cardiovascular Tox; Dermatotoxicity; Developmental Tox; Digestive System Toxicity; Neurotox; Other Hazard Trait; Respiratory Tox	ATSDR Neurotoxicants; CA MCLs; CA TACs; CDC 4th National Exposure Report; CECBP - Priority Chemicals; CWA 303(c); CWA 303(d); IARC Carcinogens - 1; IRIS Carcinogens - A; NTP 12th RoC - known; OEHHA RELs; Prop 65	Yes
64436-13-1	Arsenobetaine		Hazard Trait Under Review	CDC 4th National Exposure Report; CECBP - Priority Chemicals	

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

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96055-45-7	Arsenocholine		Hazard Trait Under Review	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
7784-42-1	Arsine		Cardiovascular Tox; Dermatotoxicity; Neurotox; Respiratory Tox	OEHHA RELs	
1332-21-4	Asbestos (all forms, including actinolite, amosite, anthophyllite, chrysotile, crocidolite, tremolite)	Yes	Carcinogenicity	CA MCLs; CWA 303(c); CWA 303(d); IARC Carcinogens - 1; IRIS Carcinogens - A; Prop 65	Yes
492-80-8	Auramine		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
7440-39-3	Barium		Cardiovascular Tox; Digestive System Toxicity; Nephrotox, Urinary System; Neurotox	CA MCLs; CDC 4th National Exposure Report	
5534-09-8	Beclomethasone dipropionate		Developmental Tox	Prop 65	
177406-68-7	Benthiavalicarb-isopropyl		Carcinogenicity	Prop 65	
202-33-5	Benz[j]aceanthrylene		Carcinogenicity	IARC Carcinogens - 2B	
98-87-3	Benzal chloride (alpha-Chlorinated toluenes) and benzoyl chloride		Carcinogenicity	IARC Carcinogens - 2A	
87-10-5	Benzamide, 3,5-dibromo-N-(4-bromophenyl)-2-hydroxy-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
1154-59-2	Benzamide, 3,5-dichloro-N-(3,4-dichlorophenyl)-2-hydroxy-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
29765-00-2	Benzamide, N-[5-[bis[2-(acetyloxy)ethyl] amino]-2-[(4-nitrophenyl) azo] phenyl]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	

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

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603-48-5	Benzenamine, 4,4',4''-methylidynetris[N,N-dimethyl-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
13080-86-9	Benzenamine, 4,4'-[(1-methylethylidene) bis(4,1-phenyleneoxy)]bis-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
72927-94-7	Benzenamine, 4-[(2,6-dichloro-4-nitrophenyl) azo]-N-(4-nitrophenyl)-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
31030-27-0	Benzenamine, 4-[(2-chloro-4-nitrophenyl) azo]-N-ethyl-N-(2-phenoxyethyl)-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
68921-45-9	Benzenamine, N-phenyl-, reaction products with styrene and 2,4,4-trimethylpentene		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
71-43-2	Benzene		Carcinogenicity; Cardiovascular Tox; Developmental Tox; Genotoxicity; Hematotox; Neurodevelopmental Tox; Neurotox; Reproductive Tox; Respiratory Tox	ATSDR Neurotoxicants; CA MCLs; CA TACs; CDC 4th National Exposure Report; CWA 303(c); CWA 303(d); EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 1; IRIS Carcinogens - A; NTP 12th RoC - known; OEHA RELs; Prop 65	Yes
145-39-1	Benzene, 1-(1,1-dimethylethyl)-3,4,5-trimethyl-2,6-dinitro-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
40615-36-9	Benzene, 1,1'-(chlorophenylmethylene)bis[4-methoxy-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	

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

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36483-60-0	Benzene, 1,1'-oxybis-, hexabromo deriv.		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
32534-81-9	Benzene, 1,1'-oxybis-, pentabromo deriv.		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs; WA PBTs	
40088-47-9	Benzene, 1,1'-oxybis-, tetrabromo deriv.		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
944-61-6	Benzene, 1,2,3,4-tetrachloro-5,6-dimethoxy-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
2778-42-9	Benzene, 1,3-bis(1-isocyanato-1-methylethyl)-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
No CAS RN	Benzene, Halogenated derivatives	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
552-30-7	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride; trimellitic anhydride		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
89-32-7	Benzene-1,2:4,5-tetracarboxylic dianhydride; pyromellitic dianhydride		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
No CAS RN	Benzenediamine, N,N'-mixed (phenyl, tolyl and xylyl derivatives of)	Yes	Refer to Group Member List	Refer to Group Member List	
56307-70-1	Benzenediazonium, 2-methoxy-4-nitro-, salt with naphthalenedisulfonic acid (2:1)		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
No CAS RN	Benzenedicarboxylic acid, branched and linear alkyl esters	Yes	Refer to Group Member List	Refer to Group Member List	
68910-11-2	Benzenemethanol, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, reaction products with 1,3,5-trimethylbenzene		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	

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

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70331-94-1	Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, (1,2-dioxo-1,2-ethanediyl) bis(imino-2,1-ethanediyl) ester		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
36294-24-3	Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, ethyl ester		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
81-68-5	Benzenesulfonamide, N-(4-amino-9,10-dihydro-3-methoxy-9,10-dioxo-1-anthracenyl)-4-methyl-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
No CAS RN	Benzenesulfonic acid, and other substituted compounds	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Benzidine-based dyes	Yes	Carcinogenicity	EC Annex VI CMRs - Cat. 1B; NTP 12th RoC - known; Prop 65	
No CAS RN	Benzo[b]thiophen-3(2H)-one, (and related compounds)	Yes	Refer to Group Member List	Refer to Group Member List	
475-71-8	Benzo[h]benz[5,6]acridino[2,1,9,8-klmna]acridine-8,16-dione; Pigment Yellow C.I. 70600		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
271-89-6	Benzofuran		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
2134-15-8	Benzoic acid, 2,3,4,5-tetrachloro-6-(2, 4,5,7-tetrabromo-6-hydroxy-3-oxo-3H-xanthen-9-yl) -		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
106276-78-2	Benzoic acid, 2,3,4,5-tetrachloro-6-cyano-, methyl ester, reaction products with 4-[(4-aminophenyl)azo]-3-methylbenzenamine and sodium methoxide		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
1176-74-5	Benzoic acid, 2-[(3,5-dibromo-4-hydroxyphenyl) (3,5-dibromo-4-oxo-2,5-cyclohexadien-1-ylidene) methyl]-, ethyl ester		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	

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

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65996-88-5	Benzol forerunnings (coal); Light Oil Redistillate, low boiling;		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
24610-00-2	Benzonitrile, 2-[[4-[(2-cyanoethyl)(2-phenylethyl) amino]phenyl]azo]-5-nitro-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
72828-63-8	Benzonitrile, 2-[[4-[[2-(acetyloxy)ethyl] butylamino]-2-methylphenyl]azo]-3-bromo-5-nitro -		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
83249-49-4	Benzonitrile, 3-bromo-2-[[4-(diethylamino) -2-methylphenyl]azo]-5-methyl-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
119-61-9	Benzophenone		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
131-55-5	Benzophenone-2; (2,2',4,4'-tetrahydroxybenzophenone)		Endocrine Tox	EC EDs - Cat. 1	
131-57-7	Benzophenone-3 (2-Hydroxy-4-methoxybenzophenone)		Dermatotoxicity; Endocrine Tox	CDC 4th National Exposure Report	
98-07-7	Benzotrichloride		Carcinogenicity; Dermatotoxicity; Hepatotoxicity, Digestive System Tox; Neurotox; Respiratory Tox	CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2A; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; Prop 65	Yes
19163-98-5	Benzoxazolium, 2-[3-[5,6-dichloro-1-ethyl- 1,3-dihydro-3-(3-sulfopropyl)-2H-benzimidazol-2 -ylidene]-1-propenyl]-3-ethyl-, hydroxide, inner salt		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
98-88-4	Benzoyl chloride		Carcinogenicity	IARC Carcinogens - 2A	
100-44-7	Benzyl chloride		Carcinogenicity; Dermatotoxicity; Ocular Tox; Respiratory Tox	CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2A; IRIS Carcinogens - B2; OEHHA RELs; Prop 65	Yes
1694-09-3	Benzyl violet 4B		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
No CAS RN	Beryllium and Beryllium compounds	Yes	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
92-52-4	Biphenyl		Hazard Trait Under Review	CA TACs	
91-95-2	Biphenyl-3,3',4,4'-tetrayltetraamine; Diaminobenzidine		Carcinogenicity; Hazard Trait Under Review	CA TACs; EC Annex VI CMRs - Cat. 1B	Yes
108-60-1	Bis(2-chloro-1-methylethyl)ether, technical grade		Carcinogenicity	Prop 65	
111-91-1	Bis(2-Chloroethoxy) Methane		Environmental Toxicity*	CWA 303(d)	
39638-32-9	Bis(2-Chloroisopropyl) Ether		Environmental Toxicity*	CWA 303(d)	
26040-51-7	Bis(2-ethyl-1-hexyl)tetrabromophthalate (TBPH)		Carcinogenicity; Developmental Tox; Reproductive Tox	CECBP - Priority Chemicals	
111-96-6	Bis(2-methoxyethyl) ether		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
117-82-8	Bis(2-methoxyethyl) phthalate		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
13560-89-9	Bis(hexachlorocyclopentadieno)cyclooctane (Dechlorane Plus)		Carcinogenicity; Developmental Tox	CECBP - Priority Chemicals	
603-33-8	Bismuthine, triphenyl-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
80-05-7	Bisphenol A		Developmental Tox; Endocrine Tox; Reproductive Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals; EC EDs - Cat. 1; NTP OHAT - Repr. or Dev. Toxicants	Yes
No CAS RN	Bisphenol A bis(diphenyl phosphate)		Hazard Trait Under Review	CECBP - Priority Chemicals	

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CANDIDATE CHEMICALS LIST- SEPTEMBER 26, 2013

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25036-25-3	Bisphenol A diglycidyl ether polymer; [2,2'-bis(2-(2,3-epoxypropoxy)phenyl)-propane]		Endocrine Tox	CECBP - Priority Chemicals; EC EDs - Cat. 1	Yes
No CAS RN	Bisphenol AF (BPAF)		Endocrine Tox; Reproductive Tox	CECBP - Priority Chemicals	
77-40-7	Bisphenol B; (2,2-Bis(4-hydroxyphenyl)-n-butan)		Endocrine Tox	CECBP - Priority Chemicals; EC EDs - Cat. 1	Yes
No CAS RN	Bisphenol F (BPF)		Endocrine Tox	CECBP - Priority Chemicals	
No CAS RN	Bisphenol F diglycidyl ether (BFDGE)		Endocrine Tox	CECBP - Priority Chemicals	
No CAS RN	Bisphenol S (BPS)		Endocrine Tox	CECBP - Priority Chemicals	
8052-42-4	Bitumens, extracts of steam-refined and air refined		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
10043-35-3	Boric acid [Also CAS RN: 11113-50-1]		Endocrine Tox; Reproductive Tox	EC Annex VI CMRs - Cat. 1B; EC EDs - Cat. 1	
11113-50-1	Boric acid; calculated on the dry weight		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
7440-42-8	Boron		Developmental Tox; Environmental Toxicity*	CA NLS; CWA 303(d)	
15541-45-4	Bromate		Carcinogenicity	CA MCLs; IRIS Carcinogens - B2; Prop 65	Yes
9001-00-7	Bromelain, juice		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
1163-19-5	Brominated flame retardants		Bioaccumulation; Environ. Persistence; Toxicity undefined*	OSPAR Priority Action Part A	
5589-96-8	Bromochloroacetic acid		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
74-96-4	Bromoethane		Carcinogenicity	Prop 65	
7147-42-4	Butanamide, 2,2'-[(3,3'-dimethoxy[1,1'- biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2-methylphenyl)-3-oxo-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
78952-70-2	Butanamide, 2-[[3,3'-dichloro-4'-[[1- [[(2-chlorophenyl)amino]carbonyl]-2-oxopropyl]azo]][1,1'-biphenyl]-4-yl]azo]-N-(2,4-dimethylphenyl)- 3-oxo-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
86551-61-3	Butanamide, 2-[2,4-bis(1,1-dimethylpropyl) phenoxy]-N-[4-(2-formylhydrazino)phenyl]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
106-97-8	Butane (containing ≥ 0,1 % butadiene (203-450-8))		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B	
25013-16-5	Butylated hydroxyanisole (BHA)		Carcinogenicity; Endocrine Tox	EC EDs - Cat. 1; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
No CAS RN	Butylated triphenyl phosphate		Developmental Tox; Neurotox; Reproductive Tox	CECBP - Priority Chemicals	
No CAS RN	Butylbenzyl phthalate and metabolite	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
123-77-3	C,C'-azodi(formamide)		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
569-61-9	C.I. Basic Red 9 monohydrochloride		Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
548-62-9	C.I. Basic Violet 3		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
1937-37-7	C.I. Direct Black 38		Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	Canada PBiTs; EC Annex VI CMRs - Cat. 1B; Prop 65	
16071-86-6	C.I. Direct Brown 95 (technical grade)		Carcinogenicity	EC Annex VI CMRs - Cat. 1B; Prop 65	
573-58-0	C.I. Direct Red 28; Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate)		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
68610-24-2	C.I. Pigment Yellow 157; Nickel barium titanium primrose priderite; C.I. 77900		Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
1326-49-4	C.I. Sulphur Orange 1		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
No CAS RN	Cadmium and cadmium compounds	Yes	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
331-39-5	Caffeic acid		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
13765-19-0	Calcium chromate		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
156-62-7	Calcium cyanamide		Dermatotoxicity; Ocular Tox; Respiratory Tox	CA TACs	
105-60-2	Caprolactam		Hazard Trait Under Review	CA TACs	
133-06-2	Captan		Carcinogenicity	CA TACs; Prop 65	Yes
59583-77-6	Carbamic acid, (3,4-dichlorophenyl)-, 2-[butyl[4-(2,2-dicyanoethenyl) -3-methylphenyl]amino]ethyl ester		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
68214-66-4	Carbamic acid, [2-[(2-chloro-4-nitrophenyl) azo]-5-(diethylamino)phenyl]-, 2-ethoxyethyl ester		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
6465-02-7	Carbamic acid, [4-[[4-[(4-hydroxyphenyl) azo]-2-methylphenyl]azo]phenyl]-, methyl ester		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
93918-79-7	Carbamic acid, cyclohexyl-, nitrilotri-2,1-ethanediyl ester		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
86-74-8	Carbazole		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
1333-86-4	Carbon black (airborne, unbound particles of respirable size; and extracts)		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
630-08-0	Carbon monoxide		Cardiovascular Tox; Developmental Tox; Neurotox; Reproductive Tox	ATSDR Neurotoxicants; EC Annex VI CMRs - Cat. 1A; OEHHA RELs; Prop 65	Yes
56-23-5	Carbon tetrachloride; CCl ₄		Carcinogenicity; Developmental Tox; Digestive System Toxicity; Hazard Trait Under Review; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurotox; Reproductive 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
90268-98-7	Carbonic acid disodium salt, reaction products with aniline, 4-nitrobenzenamine, p-phenylenediamine, sodium sulfide, sulfur and p-toluidine		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
463-58-1	Carbonyl sulfide		Neurotox; Ocular Tox	CA TACs	
120-80-9	Catechol		Carcinogenicity; Dermatotoxicity; Neurotox	CA TACs; IARC Carcinogens - 2B; Prop 65	Yes
No CAS RN	CCRIS 33 and 28	Yes	Refer to Group Member List	Refer to Group Member List	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
37329-65-0	Cellobiohydrolase, exo-		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
9012-54-8	Cellulase		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
7440-46-2	Cesium		Cardiovascular Tox; Digestive System Toxicity	CDC 4th National Exposure Report	
14866-68-3	Chlorate		Endocrine Tox	CA NLS	
115-28-6	Chlorendic acid		Carcinogenicity	CECBP - Priority Chemicals; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	Yes
16887-00-6	Chloride		Environmental Toxicity*	CWA 303(d)	
No CAS RN	Chlorinated Paraffins	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
No CAS RN	Chlorinated phenols	Yes	Refer to Group Member List	Refer to Group Member List	
7782-50-5	Chlorine		Ocular Tox; Respiratory Tox	CA MCLs; CA TACs; OEHHA RELs	
10049-04-4	Chlorine dioxide		Neurotox; Respiratory Tox	ATSDR Neurotoxicants; CA MCLs; IRIS Neurotoxicants; OEHHA RELs	Yes
7758-19-2	Chlorite		Neurotox; Ototox	ATSDR Neurotoxicants; CA MCLs; CWA 303(d); IRIS Neurotoxicants	Yes
79-11-8	Chloroacetic acid		Carcinogenicity; Dermatotoxicity; Neurotox; Ocular Tox; Respiratory Tox	CA MCLs; CA TACs	
No CAS RN	Chloroalkyl ethers	Yes	Refer to Group Member List	Refer to Group Member List	Yes**

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
75-00-3	Chloroethane; ethyl chloride		Carcinogenicity; Developmental Tox; Environmental Toxicity*; Hazard Trait Under Review; Hematotox; Neurotox	CA TACs; CWA 303(c); CWA 303(d); OEHHA RELs; Prop 65	Yes
110-75-8	Chloroethylvinyl Ether		Environmental Toxicity*	CWA 303(d)	
3724-43-4	Chloro-N,N-dimethylformiminium chloride		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
91-58-7	Chloronaphthalene		Respiratory Tox	CWA 303(c); CWA 303(d)	
No CAS RN	Chlorophenols and chlorophenol derivatives	Yes	Refer to Group Member List	Refer to Group Member List	
126-99-8	Chloroprene; 2-chlorobuta-1,3-diene		Carcinogenicity; Cardiovascular Tox; Digestive System Toxicity; Neurotox; Respiratory Tox	CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; IRIS Carcinogens - Likely Carcin.; NTP 12th RoC - reasonable; Prop 65	Yes
1897-45-6	Chlorothalonil		Carcinogenicity	Prop 65	
72869-85-3	Chromate(1-), bis[3,5-bis(1,1-dimethylethyl)-2-hydroxybenzoato(2-)-O1,O2]-, hydrogen		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
7738-94-5	Chromic acid		Refer to Group Member List	Refer to Group Member List	
16065-83-1	Chromium (III)		Environmental Toxicity*; Hazard Trait Under Review	CWA 303(c); CWA 303(d)	
7440-47-3	Chromium Compounds		Hepatotoxicity, Digestive System Tox; Respiratory Tox	CA TACs; OEHHA RELs	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
18540-29-9	Chromium hexavalent compounds (Cr (VI))		Carcinogenicity; Dermatotoxicity; Developmental Tox; Digestive System Toxicity; Hematotox; Reproductive Tox; Respiratory Tox	CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 1; IRIS Carcinogens - A; NTP 12th RoC - known; OEHHA RELs; Prop 65	Yes
1333-82-0	Chromium trioxide		Carcinogenicity; Genotoxicity; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1; OEHHA RELs	Yes
7440-47-3	Chromium, Total		Carcinogenicity	CA MCLs	
14977-61-8	Chromyl dichloride; Chromic oxychloride		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
No CAS RN	Clarified oils (petroleum), Heavy Fuel oils	Yes	Refer to Group Member List	Refer to Group Member List	
54991-93-4	Clophen A30		Endocrine Tox	EC EDs - Cat. 1	
8068-44-8	Clophen A50		Endocrine Tox	EC EDs - Cat. 1	
No CAS RN	Coal distillates	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Coal liquids, liquid solvent extraction and solution	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Coal tar distillates	Yes	Refer to Group Member List	Refer to Group Member List	
1307-96-6	Cobalt [II] oxide		Carcinogenicity	Prop 65	
513-79-1	Cobalt carbonate		Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
71-48-7	Cobalt diacetate		Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
7646-79-9	Cobalt dichloride		Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
182442-95-1	Cobalt lithium nickel oxide		Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
7440-48-4	Cobalt metal without tungsten carbide (including dust and cobalt compounds)		Carcinogenicity; Hazard Trait Under Review	CA TACs; CDC 4th National Exposure Report; IARC Carcinogens - 2B; Prop 65	Yes
No CAS RN	Cobalt nickel compounds	Yes	Refer to Group Member List	Refer to Group Member List	
10141-05-6	Cobalt nitrate; Cobalt dinitrate		Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
No CAS RN	Cobalt sulfate heptahydrate (and other soluble cobalt(II) salts)	Yes	Carcinogenicity	Prop 65	
12070-12-1	Cobalt-Tungsten Carbide (powders and hard metals)		Carcinogenicity; Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1; IARC Carcinogens - 2B; NTP 12th RoC - reasonable	
68603-42-9	Coconut oil diethanolamine condensate		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
7440-50-8	Copper		Bioaccumulation; Environ. Persistence; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Respiratory Tox; Toxicity undefined*	CA MCLs; CWA 303(c); CWA 303(d); OEHHA RELS	
544-92-3	Copper cyanide		Refer to Group Member List	Refer to Group Member List	
8001-58-9	Creosote		Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2A; IRIS Carcinogens - B1; Prop 65	

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CANDIDATE CHEMICALS LIST- SEPTEMBER 26, 2013

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
NO CAS RN	Creosote oil and creosote oil acenaphthene fractions and distillates	Yes	Refer to Group Member List	Refer to Group Member List	
1319-77-3	Cresols, Cresol mixtures		Carcinogenicity; Neurotox	ATSDR Neurotoxicants; CA TACs; OEHHA RELs	Yes
128683-25-0	Crude oil (oil sand)		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
98-82-8	Cumene, [isopropylbenzene]		Carcinogenicity; Dermatotoxicity; Endocrine Tox; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurotox; Ocular Tox	CA NLs; CA TACs; IARC Carcinogens - 2B; OEHHA RELs; Prop 65	Yes
135-20-6	Cupferron		Carcinogenicity	NTP 12th RoC - reasonable; Prop 65	
57-12-5	Cyanide and Cyanide compounds		Cardiovascular Tox; Neurotox; Reproductive Tox; Respiratory Tox	ATSDR Neurotoxicants; CA MCLs; CA TACs; CWA 303(c); CWA 303(d)	Yes
5571-36-8	Cyclic 3-(1,2-ethanediylacetale)-estra-5(10),9(11)-diene-3,17-dione		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
294-62-2	Cyclododecane		Bioaccumulation; Environ. Persistence; Toxicity undefined*	EC PBTs	
No CAS RN	Cyclohexane-1,2-dicarboxylic anhydrides	Yes	Refer to Group Member List	Refer to Group Member List	
66-81-9	Cycloheximide, cycloheximide (ISO);		Developmental Tox; Reproductive Tox	EC Annex VI CMRs - Cat. 1B; Prop 65	
27208-37-3	Cyclopenta[cd]pyrene		Carcinogenicity	IARC Carcinogens - 2A; Prop 65	

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 CANDIDATE CHEMICALS LIST- SEPTEMBER 26, 2013

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
541-02-6	Cyclopentasiloxane, decamethyl-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
50-18-0	Cyclophosphamide		Endocrine Tox	EC EDs - Cat. 1	
33204-76-1	Cyclotetrasiloxane 2 2 4 6 6 8-hexamethyl-4 8-diphenyl- cis-		Endocrine Tox	EC EDs - Cat. 1	
10448-09-6	Cyclotetrasiloxane, heptamethylphenyl-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
556-67-2	Cyclotetrasiloxane; Octamethylcyclotetrasiloxane (D4)		Bioaccumulation; Endocrine Tox; Environ. Persistence; Reproductive Tox; Toxicity undefined*	Canada PBiTs; CECBP - Priority Chemicals; EC EDs - Cat. 1	Yes
13121-70-5	Cyhexatin		Developmental Tox	Prop 65	
67219-55-0	Cytidine, N-benzoyl-5'-O-[bis(4-methoxyphenyl) phenylmethyl]-2'-deoxy-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
3468-63-1	D&C Orange No. 17; 2-Naphthalenol, 1-[(2,4-dinitrophenyl)azo]-		Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	Canada PBiTs; Prop 65	
81-88-9	D&C Red No. 19		Carcinogenicity	Prop 65	
2092-56-0	D&C Red No. 8		Carcinogenicity	Prop 65	
5160-02-1	D&C Red No. 9		Carcinogenicity	Prop 65	
84852-53-9	Decabromodiphenylethane (DBDPE)		Developmental Tox; Neurotox	CECBP - Priority Chemicals	
69430-24-6	Decamethylcyclopentasiloxane (D5)		Carcinogenicity; Hepatotoxicity, Digestive System Tox; Immunotox; Reproductive Tox	CECBP - Priority Chemicals	

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CANDIDATE CHEMICALS LIST- SEPTEMBER 26, 2013

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41556-26-7	Decanedioic acid, bis(1,2,2,6,6-pentamethyl-4-piperidiny) ester		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
No CAS RN	Diammine diisocyanato zinc		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
NO CAS RN	Diammonium 1-hydroxy-2-(4-(4-carboxyphenylazo)-2,5-dimethoxyphenylazo)-7-amino-3-naphthalenesulfonate		Reproductive Tox	EC Annex VI CMRs - Cat. 1A	
16919-58-7	Diammonium hexachloroplatinate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
74195-78-1	Diammonium nickel hexacyanoferrate		Carcinogenicity; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI Resp. Sens. - Cat. 1	
7727-54-0	Diammonium peroxodisulphate; ammonium persulphate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
13820-41-2	Diammonium tetrachloroplatinate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
136-35-6	Diazoaminobenzene		Carcinogenicity	NTP 12th RoC - reasonable; Prop 65	
334-88-3	Diazomethane		Carcinogenicity; Hepatotoxicity, Digestive System Tox; Ocular Tox; Respiratory Tox	CA TACs; EC Annex VI CMRs - Cat. 1B	Yes
132-64-9	Dibenzofuran		Bioaccumulation; Environ. Persistence; Toxicity undefined*	US EPA NWMP PBTs	
1303-86-2	Diboron trioxide; Boric oxide		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
631-64-1	Dibromoacetic acid		Carcinogenicity	CA MCLs; IARC Carcinogens - 2B; Prop 65	Yes
3252-43-5	Dibromoacetonitrile		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
74-95-3	Dibromomethane		Hazard Trait Under Review	CDC 4th National Exposure Report	
No CAS RN	Dibutyl phthalate and metabolites	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
683-18-1	Dibutyltin dichloride; (DBTC)		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
75113-37-0	Dibutyltin hydrogen borate		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
79-43-6	Dichloroacetic acid		Carcinogenicity; Neurotox; Reproductive Tox	CA MCLs; IARC Carcinogens - 2B; IRIS Carcinogens - Likely Carcin.; IRIS Neurotoxicants; Prop 65	Yes
75-71-8	Dichlorodifluoromethane; CFC-12 (CCl2F2)		Other Hazard Trait	CA NLS	
No CAS RN	Dichloroethylenes	Yes	Environmental Toxicity*	CWA 303(d)	Yes**
75-09-2	Dichloromethane; methylene chloride		Carcinogenicity; Cardiovascular Tox; Hazard Trait Under Review; Hepatotoxicity, Digestive System Tox; Neurotox; 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
97-23-4	Dichlorophene		Developmental Tox	Prop 65	
26638-19-7	Dichloropropanes	Yes	Environmental Toxicity*	CWA 303(d)	
24613-89-6	Dichromium tris(chromate)		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
No CAS RN	Dicyclohexyl phthalate and metabolite	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
1464-53-5	Diepoxybutane		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B; NTP 12th RoC - reasonable; Prop 65	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
68476-34-6	Diesel engine exhaust		Carcinogenicity; Hazard Trait Under Review; Respiratory Tox	CECBP - Priority Chemicals; IARC Carcinogens - 1; IRIS Carcinogens - Likely Carcin.; NTP 12th RoC - reasonable; OEHHA RELs; Prop 65	Yes
111-42-2	Diethanolamine		Carcinogenicity; Cardiovascular Tox; Hematotox; Respiratory Tox	CA TACs; IARC Carcinogens - 2B; OEHHA RELs; Prop 65	Yes
103-23-1	Diethyl hexyl adipate		Developmental Tox; Reproductive Tox	CA MCLs; CWA 303(d)	
No CAS RN	Diethyl hexyl phthalate and metabolites	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
No CAS RN	Diethyl phthalate and metabolite	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
64-67-5	Diethyl sulfate		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2A; NTP 12th RoC - reasonable; Prop 65	
2238-07-5	Diglycidyl ether		Reproductive Tox	Prop 65	
101-90-6	Diglycidyl resorcinol ether (DGRE)		Carcinogenicity	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
94-58-6	Dihydrosafrole		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
No CAS RN	Diisobutyl phthalate and metabolite	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
No CAS RN	Di-isodecyl phthalate and metabolite	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
71549-78-5	Di-isononyl phthalate and metabolites	Yes	Reproductive Tox	CECBP - Priority Chemicals	Yes**
605-50-5	Diisopentylphthalate		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
2973-10-6	Diisopropyl sulfate		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
No CAS RN	Dimethyl (2-(hydroxymethylcarbamoyl)ethyl)phosphonate [E.C. 435-960-3]		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
No CAS RN	Dimethyl phthalate and metabolite	Yes	Refer to Group Member List	Refer to Group Member List	
77-78-1	Dimethyl sulfate		Carcinogenicity; Ocular Tox; Respiratory Tox	CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2A; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; Prop 65	Yes
917-76-0	Dimethylarsinic acid		Carcinogenicity; Cardiovascular Tox; Dermatotoxicity; Developmental Tox; Neurotox; Other Hazard Trait; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
79-44-7	Dimethylcarbamoyl chloride		Carcinogenicity; Dermatotoxicity; Hepatotoxicity, Digestive System Tox; Ocular Tox; Respiratory Tox	CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2A; NTP 12th RoC - reasonable; Prop 65	Yes
No CAS RN	Dimethylphenols	Yes	Refer to Group Member List	Refer to Group Member List	
813-78-5	Dimethylphosphate		Hazard Trait Under Review	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
13360-57-1	Dimethylsulfamoyl chloride		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
513-37-1	Dimethylvinyl Chloride; 1-Chloro-2-methylpropene		Carcinogenicity	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
84-75-3	Di-n-hexyl phthalate (DnHP)		Developmental Tox; Reproductive Tox	NTP OHAT - Repr. or Dev. Toxicants; Prop 65	
14874-78-3	Dinickel hexacyanoferrate		Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
1314-06-3	Dinickel trioxide		Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
528-29-0	Dinitrobenzene		Reproductive Tox	Prop 65	
No CAS RN	Dinitrophenols	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Dinitrotoluenes	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
No CAS RN	Di-n-Octyl Phthalate and metabolites	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
131-18-0	Di-n-pentyl phthalate		Endocrine Tox; Reproductive Tox	EC Annex VI CMRs - Cat. 1B; EC EDs - Cat. 1	
136-45-8	Di-n-propyl isocinchomeronate		Carcinogenicity	Prop 65	
57-41-0	Diphenylhydantoin (Phenytoin) and Phenytoin Sodium		Carcinogenicity; Developmental Tox	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
16921-30-5	Dipotassium hexachloroplatinate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
7727-21-1	Dipotassium peroxodisulphate; potassium persulphate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
10025-99-7	Dipotassium tetrachloroplatinate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
2602-46-2	Direct Blue 6 (technical grade)		Carcinogenicity	EC Annex VI CMRs - Cat. 1B; Prop 65	
No CAS RN	Disodium 4-(3-ethoxycarbonyl-4-(5-(3-ethoxycarbonyl-5-hydroxy-1-(4-sulfonatophenyl)pyrazol-4-yl)penta-2,4-dienylidene)-4,5-dihydro-5-oxopyrazol-1-yl)benzenesulfonate and trisodium 4-(3-ethoxycarbonyl-4-(5-(3-ethoxycarbonyl-5-oxido-1-(4-sulfonatophenyl)py		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
138-93-2	Disodium cyanodithioimidocarbonate		Developmental Tox	Prop 65	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
16923-58-3	Disodium hexachloroplatinate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
1303-96-4	Disodium tetraborate decahydrate; Borax decahydrate		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
12179-04-3	Disodium tetraborate pentahydrate; Borax pentahydrate		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
1330-43-4	Disodium tetraborate, (anhydrous)		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
10026-00-3	Disodium tetrachloroplatinate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
2475-45-8	Disperse Blue 1		Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
540-97-6	Dodecamethylcyclohexasiloxane (D6)		Bioaccumulation; Endocrine Tox; Environ. Persistence; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Toxicity undefined*	Canada PBITs; CECBP - Priority Chemicals	Yes
No CAS RN	Emissions, Cokeoven		Carcinogenicity; Dermatotoxicity; Hepatotoxicity, Digestive System Tox; Ocular Tox; Respiratory Tox	CA TACs; IRIS Carcinogens - A; NTP 12th RoC - known; Prop 65	Yes
106-89-8	Epichlorohydrin; 1-Chloro-2,3-epoxypropane		Carcinogenicity; Endocrine Tox; Ocular Tox; Reproductive Tox; Respiratory Tox	CA TACs; EC Annex VI CMRs - Cat. 1B; EC EDs - Cat. 1; IARC Carcinogens - 2A; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; OEHHA RELs; Prop 65	Yes
12510-42-8	Erionite	Yes	Carcinogenicity	EC Annex VI CMRs - Cat. 1A; Prop 65	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
140-67-0	Estragole		Carcinogenicity	Prop 65	
68583-58-4	Ethanamine, N-ethyl-N-hydroxy-, reaction products with hexamethylcyclotrisiloxane, silica and 1,1,1-trimethyl-N-(trimethylsilyl)silanamine		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
23355-64-8	Ethanol, 2,2'-[[3-chloro-4-[(2,6-dichloro-4-nitrophenyl)azo]phenyl]imino]bis-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
55619-18-6	Ethanol, 2,2'-[[4-[(2,6-dibromo-4-nitrophenyl)azo]phenyl]imino]bis-, diacetate (ester)		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
17464-91-4	Ethanol, 2,2'-[[4-[(2-bromo-6-chloro-4-nitrophenyl)azo]-3-chlorophenyl]imino]bis-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
6232-56-0	Ethanol, 2-[[4-[(2,6-dichloro-4-nitrophenyl)azo]phenyl]methylamino]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
103112-35-2	Ethyl 1-(2,4-dichlorophenyl)-5-(trichloromethyl)-1H-1,2,4-triazole-3-carboxylate		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
77375-79-2	Ethyl 2-(isocyanatosulfonyl)benzoate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
140-88-5	Ethyl acrylate		Carcinogenicity; Digestive System Toxicity; Neurotox; Respiratory Tox	CA TACs; IARC Carcinogens - 2B; Prop 65	Yes
71720-48-4	Ethyl hydrogen sulfate, 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	
62-50-0	Ethyl methanesulfonate		Carcinogenicity	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
100-41-4	Ethylbenzene		Carcinogenicity; Developmental Tox; Endocrine Tox; Hazard Trait Under Review; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurotox; Respiratory Tox	ATSDR Neurotoxicants; CA MCLs; CA TACs; CDC 4th National Exposure Report; CWA 303(c); CWA 303(d); IARC Carcinogens - 2B; OEHHA RELs; Prop 65	Yes
107-06-2	Ethylene dichloride; 1,2-Dichloroethane		Carcinogenicity; Hazard Trait Under Review; Hepatotoxicity, Digestive System Tox	CA MCLs; CA TACs; CDC 4th National Exposure Report; CWA 303(c); CWA 303(d); EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; OEHHA RELs; Prop 65	Yes
107-21-1	Ethylene Glycol		Developmental Tox; Nephrotox, Urinary System; Neurotox; Ocular Tox; Respiratory Tox	CA NLs; CA TACs; NTP OHAT - Repr. or Dev. Toxicants; OEHHA RELs	Yes
75-21-8	Ethylene oxide; oxirane		Carcinogenicity; Dermatotoxicity; Developmental Tox; Genotoxicity; Hematotox; Neurotox; Reproductive Tox; Respiratory Tox	ATSDR Neurotoxicants; CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 1; NTP 12th RoC - known; OEHHA RELs; Prop 65	Yes

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
96-45-7	Ethylene Thiourea		Carcinogenicity; Developmental Tox; Endocrine Tox; Hazard Trait Under Review; Reproductive Tox	CA TACs; CDC 4th National Exposure Report; EC Annex VI CMRs - Cat. 1B; EC EDs - Cat. 1; NTP 12th RoC - reasonable; Prop 65	Yes
107-15-3	Ethylenediamine; 1,2-diaminoethane		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
151-56-4	Ethyleneimine, Aziridine		Carcinogenicity; Genotoxicity; Hematotox; Nephrotox, Urinary System; Ocular Tox; Respiratory Tox	CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; Prop 65	Yes
637-92-3	Ethyl-tert-butyl ether		Reproductive Tox	CWA 303(c); Prop 65	Yes
No CAS RN	Exhaust, Gasoline engine (condensates/extracts)		Carcinogenicity	Prop 65	
No CAS RN	Extract oils (coal), coal-tar residual pyrolysis oils; and other distillate fractions, residues	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Extract residues (coal), and other fractions and distillation residues	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Extracts (petroleum) and related distillates and unspecified fractions	Yes	Refer to Group Member List	Refer to Group Member List	
65996-83-0	Extracts, coal tar oil alk.; Alkaline Extract;		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
68551-44-0	Fatty acids, C6-19-branched, zinc salts		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
103331-97-1	Fatty acids, tallow, hydrogenated, [6-[bis(methoxymethyl)amino] -1,3,5-triazine-2,4-diy]]bis[[(methoxymethyl)imino]methylene] ester		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
103331-98-2	Fatty acids, tallow, hydrogenated, hexaesters with 2-[[[4-[[[2-hydroxy-1-(hydroxymethyl) ethoxy]methyl](hydroxymethyl)amino]-6 - [(hydroxymethyl)(methoxymethyl)amino]-1,3,5-triazin-2-yl](methoxymethyl)amino]methoxy]-1,3-propanediol		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
900-95-8	Fentin acetate; triphenyltin acetate		Endocrine Tox	EC EDs - Cat. 1	
No CAS RN	Fluorides	Yes	Musculoskeletal Tox; Respiratory Tox	CA MCLs; OEHHA RELs	
133-07-3	Folpet		Carcinogenicity	IRIS Carcinogens - B2; Prop 65	
No CAS RN	Foots oil (petroleum) and other treated and untreated Foots oil	Yes	Refer to Group Member List	Refer to Group Member List	
50-00-0	Formaldehyde		Carcinogenicity; Digestive System Toxicity; Ocular Tox; Respiratory Tox	CA NLs; CA TACs; IARC Carcinogens - 1; IRIS Carcinogens - B1; NTP 12th RoC - known; OEHHA RELs; Prop 65	Yes
104376-69-4	Formaldehyde, reaction products with branched nonylphenol and xylenol, ethoxylated		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
113163-36-3	Formaldehyde, reaction products with sulfonated 1,1'-biphenyl and sulfonated terphenyl, sodium salts		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
75-12-7	Formamide		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
NO CAS RN	Fuel gases	Yes	Refer to Group Member List	Refer to Group Member List	
68476-30-2	Fuel oil No 2		Environmental Toxicity*	CWA 303(d)	
No CAS RN	Fuel oils, high-sulfur; Heavy Fuel oil; (and other residual oils)	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
1303-00-0	Gallium arsenide		Carcinogenicity	Prop 65	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
128683-30-7	Gas oils (oil sand) (and hydrotreated)	Yes	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
No CAS RN	Gas oils (petroleum), treated fractions	Yes	Refer to Group Member List	Refer to Group Member List	
93924-33-5	Gas oils, paraffinic; Gasoil - unspecified;		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
No CAS RN	Gases (petroleum), refined, and recovered Refinery gasses	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Gasoline (automotive, refined, processed, recovered, and other unspecified fractions)	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
9001-22-3	Glucosidase, β -		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
111-30-8	Glutaraldehyde		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1; OEHHA RELs	Yes
765-34-4	Glycidaldehyde		Carcinogenicity	IARC Carcinogens - 2B; IRIS Carcinogens - B2; Prop 65	
556-52-5	Glycidol; 2,3-epoxypropan-1-ol; glycidol; oxiranemethanol		Carcinogenicity; Reproductive Tox	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2A; NTP 12th RoC - reasonable; Prop 65	
No CAS RN	Glycol ethers	Yes	Respiratory Tox	CA TACs	Yes**
No CAS RN	Glycol ethers acetate	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
2784-94-3	HC Blue No. 1		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
32241-08-0	Heptachloronaphthalene		Bioaccumulation; Environ. Persistence; Toxicity undefined*	WA PBTs	
142-82-5	Heptane		Refer to Group Member List	Refer to Group Member List	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
2746-81-8	Heptanoic acid, 2-[4-[3-[2-(trifluoromethyl) -10H-phenothiazin-10-yl]propyl]-1-piperazinyl]ethyl ester		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
6130-43-4	Heptanoic acid, tridecafluoro-, ammonium salt		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
59536-65-1	Hexabromobiphenyl		Bioaccumulation; Environ. Persistence; Toxicity undefined*	WA PBTs	
No CAS RN	Hexabromocyclododecane (HBCD), and mixed isomers	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
1335-87-1	Hexachloro naphthalene		Bioaccumulation; Environ. Persistence; Toxicity undefined*	WA PBTs	
87-68-3	Hexachlorobuta1,3-diene		Bioaccumulation; Carcinogenicity; Environ. Persistence; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Respiratory Tox; Toxicity undefined*	CA TACs; Canada PBiTs; CWA 303(c); CWA 303(d); EC PBTs; Prop 65; US EPA NWMP PBTs; WA PBTs	Yes
51936-55-1	Hexachlorocyclopentadienyl-dibromocyclooctane (HCDBCO)		Carcinogenicity; Developmental Tox	CECBP - Priority Chemicals	

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CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
67-72-1	Hexachloroethane		Bioaccumulation; Carcinogenicity; Dermatotoxicity; Environ. Persistence; Hazard Trait Under Review; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurotox; Reproductive Tox; Toxicity undefined*	ATSDR Neurotoxicants; CA TACs; CDC 4th National Exposure Report; CWA 303(c); CWA 303(d); IARC Carcinogens - 2B; IRIS Carcinogens - Likely Carcin.; IRIS Neurotoxicants; NTP 12th RoC - reasonable; Prop 65; US EPA NWMP PBTs	Yes
16941-12-1	Hexachloroplatinic acid		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
684-16-2	Hexafluoroacetone		Reproductive Tox	Prop 65	
19438-60-9	Hexahydro-4-methylphthalic anhydride	Yes	Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
822-06-0	Hexamethylene-1,6-diisocyanate		Ocular Tox; Respiratory Tox	CA TACs; EC Annex VI Resp. Sens. - Cat. 1	Yes
680-31-9	Hexamethylphosphoramide		Carcinogenicity; Genotoxicity; Nephrotox, Urinary System; Reproductive Tox; Respiratory Tox	CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	Yes
25857-05-0	Hexanedioic acid, bis[2-[[4-(2,2-dicyanoethenyl) -3-methylphenyl]ethylamino]ethyl] ester		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBTs	
85153-92-0	Hexasodium 6,13-dichloro-3,10-bis((4-(2,5-disulfonatoanilino)-6-fluoro-1,3,5-triazin-2-ylamino)prop-3-ylamino)-5,12-dioxa-7,14-diazapentacene-4,11-disulfonate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
2691-41-0	HMX		Hepatotoxicity, Digestive System Tox; Neurotox	ATSDR Neurotoxicants; CA NLs	Yes
55957-10-3	Hydraulic Fluids		Neurotox	ATSDR Neurotoxicants	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
No CAS RN	Hydrazine, Hydrazine compounds and salts	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
No CAS RN	Hydrocarbons, treated and distilled, various fractions and residues	Yes	Refer to Group Member List	Refer to Group Member List	
7647-01-0	Hydrogen chloride		Dermatotoxicity; Ocular Tox; Respiratory Tox	CA TACs; OEHHA RELs	
7783-07-5	Hydrogen selenide		Ocular Tox; Respiratory Tox	OEHHA RELs	
7783-06-4	Hydrogen sulfide		Environmental Toxicity*; Neurotox; Respiratory Tox	ATSDR Neurotoxicants; CWA 303(d); IRIS Neurotoxicants; OEHHA RELs	Yes
No CAS RN	Hydroxy - Polychlorinated biphenyl (PCB)	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Hydroxy- Polybrominated diphenyl ethers (PBDEs)	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Hydroxy-Chlorobiphenyls	Yes	Refer to Group Member List	Refer to Group Member List	
61420-92-6	Hydroxydisulfite platinum(II) acid		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
22398-80-7	Indium phosphide		Carcinogenicity	IARC Carcinogens - 2A; Prop 65	
7439-89-6	Iron		Environmental Toxicity*	CWA 303(d)	
9004-66-4	Iron Dextran Complex		Carcinogenicity	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
75-28-5	Isobutane		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B	
No CAS RN	Isobutoxypentabromocyclododecanes (iBPBCDs)		Hazard Trait Under Review	CECBP - Priority Chemicals	
542-56-3	Isobutyl nitrite		Carcinogenicity	EC Annex VI CMRs - Cat. 1B; Prop 65	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
No CAS RN	Isodecyl diphenyl phosphate		Neurotox; Reproductive Tox	CECBP - Priority Chemicals	
78-59-1	Isophorone		Carcinogenicity; Dermatotoxicity; Developmental Tox; Hepatotoxicity, Digestive System Tox; Neurotox; Respiratory Tox	CA TACs; CWA 303(c); CWA 303(d); OEHHA RELs	
78-79-5	Isoprene		Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
67-63-0	Isopropanol		Developmental Tox; Nephrotox, Urinary System; Ocular Tox; Respiratory Tox	OEHHA RELs	
108-20-3	Isopropyl ether		Refer to Group Member List	Refer to Group Member List	
No CAS RN	Isopropylated triphenyl phosphate		Neurotox; Reproductive Tox	CECBP - Priority Chemicals	
50815-00-4	Jet Fuels, JP-4, JP-5, JP-7 and JP-8	Yes	Neurotox	ATSDR Neurotoxicants	Yes**
80498-15-3	Laccase		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
No CAS RN	Lead and Lead Compounds	Yes	Bioaccumulation; Environ. Persistence; Hematotox; Hepatotoxicity, Digestive System Tox; Neurotox; Toxicity undefined*	CA TACs; US EPA TRI PBTs	Yes
65996-78-3	Light oil (coal), coke-oven; Crude benzole;		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
90641-11-5	Light oil (coal), semi-coking process; Fresh oil;		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
8032-32-4	Ligroine; Low boiling point naphtha;		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
554-13-2	Lithium carbonate		Developmental Tox	Prop 65	
74869-21-9	Lubricating greases; Grease;		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
No CAS RN	Lubricating oils (petroleum), various treated, extracted fractions; Baseoil - unspecified	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Lubricating oils, - used, distilled, refined used, and treated fractions	Yes	Refer to Group Member List	Refer to Group Member List	
74869-22-0	Lubricating oils; Baseoil - unspecified;		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
632-99-5	Magenta		Carcinogenicity	IARC Carcinogens - 2B	
108-31-6	Maleic anhydride		Respiratory Tox	CA TACs; EC Annex VI Resp. Sens. - Cat. 1; OEHHA RELs	Yes
24382-04-5	Malonaldehyde, sodium salt		Carcinogenicity	Prop 65	
7439-96-5	Manganese and manganese compounds		Environmental Toxicity*; Neurotox; Respiratory Tox	ATSDR Neurotoxicants; CA NLs; CA TACs; CWA 303(d); IRIS Neurotoxicants; OEHHA RELs	Yes
68006-83-7	Me-A-alpha-C (2-Amino-3-methyl-9H-pyrido[2,3-b]indole)		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
77094-11-2	MeIQ (2-Amino-3,4-dimethylimidazo[4,5-f]quinoline)		Carcinogenicity	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
77500-04-0	MeIQx (2-Amino-3,8-dimethylimidazo[4,5-f]quinoxaline)		Carcinogenicity	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
No CAS RN	Mercury and mercury compounds	Yes	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
94248-26-7	Methanesulfonamide, 1-chloro-N-(2-phenoxyphenyl)-, pentachloro deriv., sodium salt		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
83721-48-6	Methanesulfonamide, 1-chloro-N-[2,3,4,5-tetrachloro- 6-(2,4-dichlorophenoxy)phenyl]-, sodium salt		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
83721-47-5	Methanesulfonamide, 1-chloro-N-[2,3,4-trichloro- 6-(2,4-dichlorophenoxy)phenyl]-, sodium salt		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
72968-82-2	Methanesulfonamide, N-[2-[(2,6-dicyano-4-methylphenyl) azo]-5-(dipropylamino)phenyl]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
83249-53-0	Methanesulfonamide, N-[2-[(2-bromo-6-cyano-4- methylphenyl)azo]-5-(diethylamino)phenyl]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
83249-54-1	Methanesulfonamide, N-[2-[(2-bromo-6-cyano-4- methylphenyl)azo]-5-(dipropylamino)phenyl]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
67-56-1	Methanol		Developmental Tox; Neurotox	CA TACs; NTP OHAT - Repr. or Dev. Toxicants; OEHHA RELS; Prop 65	Yes
625-45-6	Methoxyacetic acid		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
79277-18-2	Methyl 3-isocyanatosulfonyl-2-thiophene-carboxylate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
77402-05-2	Methyl acrylamidoglycolate (containing ≥ 0,1 % acrylamide)		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
77402-03-0	Methyl acrylamidomethoxyacetate (containing ≥ 0,1 % acrylamid)		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
598-55-0	Methyl carbamate		Carcinogenicity	Prop 65	
74-87-3	Methyl chloride		Developmental Tox; Environmental Toxicity*; Hazard Trait Under Review; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurodevelopmental Tox; Neurotox; Reproductive Tox	ATSDR Neurotoxicants; CA TACs; CWA 303(c); CWA 303(d); IRIS Neurotoxicants; Prop 65	Yes
78-93-3	Methyl ethyl ketone		Dermatotoxicity; Developmental Tox; Neurotox; Ocular Tox; Respiratory Tox	CA TACs; OEHHA RELs	
108-10-1	Methyl isobutyl ketone, Isopropyl acetone; (MIBK)		Carcinogenicity; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurotox; Ocular Tox	CA NLs; CA TACs; IARC Carcinogens - 2B; Prop 65	Yes

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
624-83-9	Methyl isocyanate		Reproductive Tox; Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1; OEHHA RELs	Yes
563-80-4	Methyl isopropyl ketone		Developmental Tox	Prop 65	
74-93-1	Methyl Mercaptan		Neurotox	ATSDR Neurotoxicants	
80-62-6	Methyl methacrylate		Carcinogenicity; Dermatotoxicity; Neurotox; Reproductive Tox; Respiratory Tox	CA TACs	
66-27-3	Methyl methanesulfonate		Carcinogenicity	IARC Carcinogens - 2A; NTP 12th RoC - reasonable; Prop 65	
591-78-6	Methyl n-butyl ketone; 2-Hexanone		Neurotox; Reproductive Tox	ATSDR Neurotoxicants; IRIS Neurotoxicants; Prop 65	
590-96-5	Methylazoxymethanol		Carcinogenicity	Prop 65	
592-62-1	Methylazoxymethanol acetate		Carcinogenicity; Reproductive Tox	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; Prop 65	
No CAS RN	Methylene diphenyl diisocyanates	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
93-15-2	Methyleugenol		Carcinogenicity	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
No CAS RN	Methylhydrazine and its salts	Yes	Carcinogenicity	Prop 65	Yes**
72102-55-7	Methylum, [4-(dimethylamino)phenyl] bis[4-(ethylamino)-3-methylphenyl]-, acetate		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
72102-56-8	Methylum, [4-(dimethylamino)phenyl] bis[4-(ethylamino)-3-methylphenyl]-, chloride		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
72812-39-6	Methylium, bis(4-amino-3,5-dimethylphenyl) (2,6-dichlorophenyl)-, phosphate (1:1)		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
72102-64-8	Methylium, bis[4-(dimethylamino)phenyl] [4-(ethylamino)-3-methylphenyl]-, chloride		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
91-57-6	Methylnaphthalene; 2-Methylnaphthalene		Environmental Toxicity*; Hazard Trait Under Review; Neurotox	ATSDR Neurotoxicants; CWA 303(c); CWA 303(d)	Yes
No CAS RN	Mineral Oils: Untreated and Mildly Treated		Carcinogenicity; Environmental Toxicity*	CWA 303(d); IARC Carcinogens - 1; NTP 12th RoC - known	Yes
7439-98-7	Molybdenum		Environmental Toxicity*; Other Hazard Trait; Reproductive Tox	CDC 4th National Exposure Report; CWA 303(d)	
71526-07-3	MON 4660 (dichloroacetyl-1-oxa-4-azaspiro(4,5)-decane)		Carcinogenicity	Prop 65	
65513-69-1	Monomethylarsonic acid		Carcinogenicity; Cardiovascular Tox; Dermatotoxicity; Developmental Tox; Neurotox; Other Hazard Trait; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
505-60-2	Mustard Gas; Sulfur mustard		Carcinogenicity	IARC Carcinogens - 1; NTP 12th RoC - known; Prop 65	
77439-76-0	MX (3-chloro-4-dichloromethyl-5-hydroxy-2(5H)-furanone)		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
793-24-8	N(1,3-dimethylbutyl)-N'-phenyl-p-phenylenediamine (6PPD)		Bioaccumulation; Environ. Persistence; Toxicity undefined*	OSPAR Priority Action Part A	
27366-72-9	N,N-(dimethylamino)thioacetamide hydrochloride		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
No CAS RN	N,N''-(methylenedi-4,1-phenylene)bis[N'-octyl]urea		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
613-35-4	N,N'-Diacetylbenzidine		Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; Prop 65	
127-19-5	N,N-Dimethylacetamide		Developmental Tox; Reproductive Tox	EC Annex VI CMRs - Cat. 1B; Prop 65	
68-12-2	N,N-dimethylformamide; dimethyl formamide		Dermatotoxicity; Digestive System Toxicity; Hepatotoxicity, Digestive System Tox; Reproductive Tox; Respiratory Tox	CA TACs; EC Annex VI CMRs - Cat. 1B; OEHHA RELs	Yes
57-14-7	N,N-Dimethylhydrazine		Carcinogenicity; Digestive System Toxicity; Hepatotoxicity, Digestive System Tox; Respiratory Tox	CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	Yes
32588-76-4	N,N'-Ethylenebis(tetrabromophthalimide)		Hazard Trait Under Review	CECBP - Priority Chemicals	
91-66-7	N.N-Diethyl aniline (N.N-Diethylaniline)		Hepatotoxicity, Digestive System Tox; Immunotox; Neurotox	CA TACs	
No CAS RN	N-[3-hydroxy-2-(2-methylacryloylaminomethoxy)propoxymethyl]-2-methylacrylamide, (EC #: 412-790-8)		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
531-82-8	N-[4-(5-Nitro-2-furyl)-2-thiazolyl]acetamide		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
84245-12-5	N-[6,9-dihydro-9-[[2-hydroxy-1-(hydroxymethyl)ethoxy]methyl]-6-oxo-1H-purin-2-yl]acetamide		Carcinogenicity; Genotoxicity; Reproductive Tox	EC Annex VI CMRs - Cat. 1B	

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CANDIDATE CHEMICALS LIST- SEPTEMBER 26, 2013

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
6417-38-5	Naphth[2,3-c]acridine-10-carboxamide, N-[5-(benzoylamino)-9,10-dihydro-9,10-dioxo-1-anthracenyl]-5,8,13,14-tetrahydro -5,8,14-trioxo-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
6373-31-5	Naphth[2,3-c]acridine-5,8,14(13H)-trione, 6,10,12-trichloro-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
90641-12-6	Naphtha (coal), distn. residues; Light Oil Redistillate, high boiling;		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
94114-54-2	Naphtha (coal), solvent extn., hydrocracked;		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
128683-33-0	Naphtha (oil sand), hydrotreated		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
No CAS RN	Naphtha (petroleum), treated fractions, - unspecified	Yes	Refer to Group Member List	Refer to Group Member List	
8030-30-6	Naphtha; Low boiling point naphtha;		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
91-20-3	Naphthalene		Bioaccumulation; Carcinogenicity; Environ. Persistence; Environmental Toxicity*; Hazard Trait Under Review; Hematotox; Hepatotoxicity, Digestive System Tox; Neurotox; Other Hazard Trait; Respiratory Tox; Toxicity undefined*	ATSDR Neurotoxicants; CA NLS; CA TACs; CWA 303(c); CWA 303(d); IARC Carcinogens - 2B; NTP 12th RoC - reasonable; OEHHA RELs; Prop 65; US EPA NWMP PBTs	Yes
70776-03-3	Naphthalene, chloro derivs.		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
93384-84-0	Naphthalenesulfonic acid, reaction products with formaldehyde and hydroxybenzenesulfonic acid, ammonium salts		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
No CAS RN	Naphthenic oils (petroleum), dewaxed light and heavy; Baseoil - unspecified	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Natural gas (petroleum), condensates - unspecified	Yes	Refer to Group Member List	Refer to Group Member List	
2426-08-6	n-Butyl glycidyl ether		Reproductive Tox	Prop 65	
104-51-8	n-Butylbenzene		Nephrotox, Urinary System	CA NLS	
60391-92-6	N-Carboxymethyl-N-nitrosourea		Carcinogenicity	Prop 65	
51000-52-3	Neodecanoic acid, ethenyl ester		Bioaccumulation; Environ. Persistence; Toxicity undefined*	OSPAR Priority Action Part A	
110-54-3	n-Hexane		Environmental Toxicity*; Neurotox	CA TACs; CWA 303(d); IRIS Neurotoxicants; OEHHA RELs	Yes
373-02-4	Nickel acetate	Yes	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	
7440-02-0	Nickel and Nickel Compounds; Nickel refinery dust from the pyrometallurgical process		Carcinogenicity; Developmental Tox; Environmental Toxicity*; Hematotox; Immunotox; Respiratory Tox	CA TACs; CWA 303(d); IARC Carcinogens - 1; IRIS Carcinogens - A; NTP 12th RoC - known; OEHHA RELs; Prop 65	Yes
27016-75-7	Nickel arsenide		Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
3906-55-6	Nickel bis(4-cyclohexylbutyrate)		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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DEPARTMENT OF TOXIC SUBSTANCES CONTROL
 CANDIDATE CHEMICALS LIST- SEPTEMBER 26, 2013

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
13770-89-3	Nickel bis(sulfamidate); Nickel sulfamate		Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
No CAS RN	Nickel bis(sulfate)s	Yes	Refer to Group Member List	Refer to Group Member List	
14708-14-6	Nickel bis(tetrafluoroborate)		Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
No CAS RN	Nickel borides	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Nickel carbonates	Yes	Refer to Group Member List	Refer to Group Member List	
13463-39-3	Nickel carbonyl; Nickel tetracarbonyl; Tetracarbonylnickel		Carcinogenicity; Developmental Tox; Reproductive Tox	EC Annex VI CMRs - Cat. 1B; IRIS Carcinogens - B2; Prop 65	
14721-18-7	Nickel chromate		Carcinogenicity; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI Resp. Sens. - Cat. 1	
12068-61-0	Nickel diarsenide		Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
553-71-9	Nickel dibenzoate		Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
14550-87-9	Nickel dibromate		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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DEPARTMENT OF TOXIC SUBSTANCES CONTROL
 CANDIDATE CHEMICALS LIST- SEPTEMBER 26, 2013

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67952-43-6	Nickel dichlorate		Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
7718-54-9	Nickel dichloride		Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
15586-38-6	Nickel dichromate		Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
557-19-7	Nickel dicyanide		Carcinogenicity; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI Resp. Sens. - Cat. 1	
16039-61-5	Nickel dilactate		Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
13637-71-3	Nickel diperchlorate; perchloric 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	
13689-92-4	Nickel dithiocyanate		Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
No CAS RN	Nickel formates	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Nickel halides	Yes	Refer to Group Member List	Refer to Group Member List	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
26043-11-8	Nickel hexafluorosilicate		Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
No CAS RN	Nickel hydroxides	Yes	Refer to Group Member List	Refer to Group Member List	
69012-50-6	Nickel matte		Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
No CAS RN	Nickel nitrates	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Nickel oxalates	Yes	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
No CAS RN	Nickel oxides	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
No CAS RN	Nickel phosphates and phosphinates	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Nickel phosphides	Yes	Refer to Group Member List	Refer to Group Member List	
15060-62-5	Nickel selenate		Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
1314-05-2	Nickel selenide		Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
No CAS RN	Nickel silicates	Yes	Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
No CAS RN	Nickel silicides	Yes	Refer to Group Member List	Refer to Group Member List	
7786-81-4	Nickel 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	
No CAS RN	Nickel sulfides	Yes	Refer to Group Member List	Refer to Group Member List	
12142-88-0	Nickel telluride		Carcinogenicity	EC Annex VI CMRs - Cat. 1A	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
12035-38-0	Nickel tin trioxide; Nickel stannate		Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
14177-51-6	Nickel tungsten		Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
4995-91-9	Nickel(II) octanoate		Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
10101-96-9	Nickel(II) selenite		Carcinogenicity; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI Resp. Sens. - Cat. 1	
2223-95-2	Nickel(II) stearate; Nickel(II) octadecanoate		Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
38465-55-3	Nickel, bis[1-[4-(dimethylamino)phenyl] -2-phenyl-1,2-ethenedithiolato(2-)-S,S']-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
42739-61-7	Nickel, bis[2,3-bis(hydroxyimino) -N-(2-methoxyphenyl)butanamidato]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
No CAS RN	Nickel, metallic and alloys		Bioaccumulation; Carcinogenicity; Environ. Persistence; Hematotox; Immunotox; Other Hazard Trait; Reproductive Tox; Respiratory Tox; Toxicity undefined*	CA MCLs; CA TACs; CWA 303(c); IARC Carcinogens - 2B; NTP 12th RoC - reasonable; OEHHA RELs; Prop 65	Yes
No CAS RN	Nickel, other inorganic compounds	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Nickel, other organic compounds	Yes	Refer to Group Member List	Refer to Group Member List	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
1271-28-9	Nickelocene		Carcinogenicity	Prop 65	
14797-55-8	Nitrate		Hematotox	CA MCLs; CDC 4th National Exposure Report; CWA 303(d)	
No CAS RN	Nitrate+Nitrite		Carcinogenicity; Hematotox	CA MCLs; CWA 303(d); IARC Carcinogens - 2A	Yes
7697-37-2	Nitric acid		Respiratory Tox	OEHHA RELs	
No CAS RN	Nitrilotriacetic acid (and its salts)	Yes	Carcinogenicity	IARC Carcinogens - 1	
14797-65-0	Nitrite		Hematotox	CA MCLs; CWA 303(d)	
No CAS RN	Nitro PAHS	Yes	Refer to Group Member List	Refer to Group Member List	
98-95-3	Nitrobenzene		Carcinogenicity; Endocrine Tox; Hazard Trait Under Review; Hematotox; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurotox; Reproductive Tox; Respiratory Tox	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
10102-44-0	Nitrogen dioxide		Respiratory Tox	OEHHA RELs	
51-75-2	Nitrogen mustard (Mechlorethamine)		Carcinogenicity; Developmental Tox	IARC Carcinogens - 2A; Prop 65	
55-86-7	Nitrogen mustard hydrochloride (Mechlorethamine hydrochloride)		Carcinogenicity; Developmental Tox	NTP 12th RoC - reasonable; Prop 65	
126-85-2	Nitrogen mustard N-oxide		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
302-70-5	Nitrogen mustard N-oxide hydrochloride		Carcinogenicity	Prop 65	
75-52-5	Nitromethane		Carcinogenicity	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	

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

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No CAS RN	Nitrophenols	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Nitrosamines	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
10024-97-2	Nitrous oxide		Developmental Tox	Prop 65	
79-16-3	N-methylacetamide		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
123-39-7	N-methylformamide		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
924-42-5	N-Methylolacrylamide		Carcinogenicity	Prop 65	
872-50-4	N-methylpyrrolidone		Developmental Tox; Reproductive Tox	EC Annex VI CMRs - Cat. 1B; Prop 65	
76014-81-8	NNAL (4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol)		Carcinogenicity; Hazard Trait Under Review	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
615-53-2	N-Nitroso-N-methylurethane		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
No CAS RN	Non-chlorinated Phenols	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Nonylphenol, nonylphenol ethoxylates (NP/NPEs) (and related substances)	Yes	Bioaccumulation; Environ. Persistence; Toxicity undefined*	OSPAR Priority Action Part A	Yes**
776297-69-9	n-Pentyl-isopentylphthalate		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
103-65-1	n-Propylbenzene		Nephrotox, Urinary System	CA NLS	
65148-83-6	o,p'-DDA-glycinat = N-[(2-chlorophenyl)(4-chlorophenyl)acetyl]glycin		Endocrine Tox	EC EDs - Cat. 1	
95-49-8	o-Chlorotoluene		Other Hazard Trait	CA NLS	
155613-93-7	Octabromotrimethylphenylindane (OBIND)		Hazard Trait Under Review	CECBP - Priority Chemicals	
29082-74-4	Octachlorostyrene		Bioaccumulation; Environ. Persistence; Toxicity undefined*	US EPA TRI PBTs	
27193-28-8	Octylphenol; (1,1,3,3-tetramethylbutyl)-phenol)		Endocrine Tox	EC EDs - Cat. 1	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
21255-69-6	O-Desmethylangolensin		Endocrine Tox	CDC 4th National Exposure Report	
No CAS RN	o-Hexyl-N-ethoxycarbonylthiocarbamate [E.C. No. 432-750-3]		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
No CAS RN	Oil		Environmental Toxicity*	CWA 303(d)	
103122-66-3	O-isobutyl-N-ethoxy carbonylthiocarbamate		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
68515-84-4	Olivine, nickel green		Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
88-72-2	o-Nitrotoluene		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2A; NTP 12th RoC - reasonable; Prop 65	
95-54-5	o-Phenylenediamine and its salts		Carcinogenicity	Prop 65	
132-27-4	o-Phenylphenate, sodium		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
7440-31-5	Organic tin compounds		Bioaccumulation; Environ. Persistence; Toxicity undefined*	OSPAR Priority Action Part A	
13840-56-7	Orthoboric acid, sodium salt		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
106602-80-6	Otto Fuel II and its Components		Neurotox	ATSDR Neurotoxicants	
7328-97-4	Oxirane, 2,2',2'',2'''-[1,2-ethanediylidenetetrakis(4,1-phenyleneoxymethylene)]tetrakis -		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
70987-78-9	Oxiranemethanol, 4-methylbenzene-sulfonate, (S)-		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
434-07-1	Oxymetholone		Carcinogenicity; Developmental Tox	NTP 12th RoC - reasonable; Prop 65	
2439-01-2	Oxythioquinox (Chinomethionat)		Carcinogenicity; Developmental Tox	Prop 65	
10028-15-6	Ozone		Ocular Tox; Respiratory Tox	OEHHA RELs	
80-51-3	p,p'-Oxybis(benzenesulfonyl hydrazide)		Developmental Tox	Prop 65	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
5216-25-1	p-a,a,a-Tetrachlorotoluene; p-Chlorobenzotrchloride		Carcinogenicity	EC Annex VI CMRs - Cat. 1B; Prop 65	
12174-11-7	Palygorskite; (Attapulgite) (long fibres, > 5 micrometres)		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
No CAS RN	Parabens	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
No CAS RN	Paraffin oils (petroleum)	Yes	Refer to Group Member List	Refer to Group Member List	
85422-92-0	Paraffin oils, chloro		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
No CAS RN	Paraffin waxes (coal)	Yes	Refer to Group Member List	Refer to Group Member List	
63449-39-8	Paraffin waxes and Hydrocarbon waxes chlorinated		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
68938-42-1	Paraffin waxes and Hydrocarbon waxes, chloro, reaction products with naphthalene		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
No CAS RN	Particulate Emissions from Diesel-Fueled Engines		Carcinogenicity; Respiratory Tox	CA TACs	
101-53-1	p-Benzylphenol; 4-Benzylphenol; Phenyl-4-hydroxyphenylmethane		Endocrine Tox	EC EDs - Cat. 1	
106-43-4	p-Chlorotoluene		Other Hazard Trait	CA NLS	
7400-08-0	p-Coumaric acid (PCA)		Endocrine Tox	EC EDs - Cat. 1	
106-44-5	p-Cresol		Musculoskeletal Tox; Respiratory Tox	CA TACs	
12642-23-8	PCT Aroclor 5442		Endocrine Tox	EC EDs - Cat. 1	
100-25-4	p-Dinitrobenzene		Reproductive Tox	Prop 65	
85-22-3	Pentabromoethylbenzene (PBEB)		Carcinogenicity	CECBP - Priority Chemicals	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
608-71-9	Pentabromophenol		Bioaccumulation; Cardiovascular Tox; Dermatotoxicity; Environ. Persistence; Toxicity undefined*	Canada PBITs; CECBP - Priority Chemicals	Yes
87-83-2	Pentabromotoluene		Developmental Tox	CECBP - Priority Chemicals	
133-49-3	Pentachlorobenzenethiol		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs; EC PBTs	
1321-64-8	Pentachloronaphthalene		Bioaccumulation; Environ. Persistence; Toxicity undefined*	WA PBTs	
9001-75-6	Pepsin A		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
No CAS RN	Perboric acid (H3BO2(O2)), and other sodium salts	Yes	Refer to Group Member List	Refer to Group Member List	
14797-73-0	Perchlorate		Endocrine Tox; Immunotox	CA MCLs; CDC 4th National Exposure Report; CECBP - Priority Chemicals; CWA 303(d)	
No CAS RN	Perfluorochemicals	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
70225-14-8	Perfluorooctane sulfonates (PFOS) Diethanolamine Salt; 1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7, 7,8,8,8-heptadecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs; WA PBTs	
78-63-7	Peroxide, (1,1,4,4-tetramethyl-1,4- butanediyl)bis[(1,1-dimethylethyl)		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
1068-27-5	Peroxide, (1,1,4,4-tetramethyl-2-butyne- 1,4-diyl)bis[(1,1-dimethylethyl)		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	

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

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6731-36-8	Peroxide, (3,3,5-trimethylcyclohexylidene) bis[(1,1-dimethylethyl)		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
25155-25-3	Peroxide, [1,3(or 1,4)-phenylenebis(1-methylethylidene)]bis[(1,1-dimethylethyl)		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
198-55-0	Perylene		Bioaccumulation; Environ. Persistence; Toxicity undefined*	WA PBTs	
No CAS RN	Petrolatum (petroleum), treated and untreated	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Petroleum distillates	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Petroleum gases, liquefied	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Petroleum products	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Petroleum; Crude oil	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
122070-78-4	Phenanthrene, distn. residues; Heavy Anthracene Oil Redistillate;		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
108-95-2	Phenol		Cardiovascular Tox; Dermatotoxicity; Digestive System Toxicity; Nephrotox, Urinary System; Neurotox; Ocular Tox; Other Hazard Trait; Respiratory Tox	CA TACs; CWA 303(c); CWA 303(d); OEHA RELs	
72318-87-7	Phenol, [[[3-(dimethylamino)propyl]amino]methyl]-, isobutyleneated		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	

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CANDIDATE CHEMICALS LIST- SEPTEMBER 26, 2013

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17540-75-9	Phenol, 2,6-bis(1,1-dimethylethyl)-4-(1-methylpropyl)-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
4342-30-7	Phenol, 2-[[tributylstannyl]oxy]carbonyl		Bioaccumulation; Endocrine Tox; Environ. Persistence; Toxicity undefined*	Canada PBiTs; EC EDs - Cat. 1	
6300-37-4	Phenol, 2-methyl-4-[[4-(phenylazo)phenyl]azo]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
64111-81-5	Phenol, 2-phenoxy-, trichloro deriv.		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
125328-28-1	Phenol, 4,4'-(1-methylethylidene)bis-, reaction products with hexakis(methoxymethyl)melamine		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
62625-32-5	Phenol, 4,4'-(3H-1,2-benzoxathiol- 3-ylidene)bis[2,6-dibromo-3-methyl-, S,S-dioxide, monosodium salt		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
125-31-5	Phenol, 4,4'-(3H-2,1-benzoxathiol- 3-ylidene)bis[2,5-dimethyl-, S,S-dioxide		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
115-39-9	Phenol, 4,4'-(3H-2,1-benzoxathiol- 3-ylidene)bis[2,6-dibromo-, S,S-dioxide		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
76-60-8	Phenol, 4,4'-(3H-2,1-benzoxathiol- 3-ylidene)bis[2,6-dibromo-3-methyl-, S,S-dioxide		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
115-40-2	Phenol, 4,4'-(3H-2,1-benzoxathiol- 3-ylidene)bis[2-bromo-6-methyl-, S,S-dioxide		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	

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CANDIDATE CHEMICALS LIST- SEPTEMBER 26, 2013

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21811-64-3	Phenol, 4,4'-[1,4-phenylenebis(azo)]bis-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
96-66-2	Phenol, 4,4'-thiobis[2-(1,1-dimethylethyl)-6-methyl-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
93805-00-6	Phenol, 4-[[2-methoxy-4-[(2-methoxyphenyl) azo]-5-methylphenyl]azo]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
19800-42-1	Phenol, 4-[[2-methoxy-4-[(4-nitrophenyl)azo]phenyl]azo]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
6253-10-7	Phenol, 4-[[4-(phenylazo)-1-naphthalenyl]azo]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
6250-23-3	Phenol, 4-[[4-(phenylazo)phenyl]azo]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
11081-15-5	Phenol, isoocetyl-		Endocrine Tox	EC EDs - Cat. 1	
68512-30-1	Phenol, methylstyrenated		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
77-09-8	Phenolphthalein		Carcinogenicity; Endocrine Tox	EC Annex VI CMRs - Cat. 1B; EC EDs - Cat. 1; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
84988-93-2	Phenols, ammonia liquor ext.; Alkaline Extract;		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
91079-47-9	Phenols, C9-11; Distillate Phenols		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	

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

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122-60-1	Phenyl glycidyl ether; 1,2-Epoxy-3-phenoxypropane		Carcinogenicity; Reproductive Tox	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; Prop 65	
No CAS RN	Phenylhydrazine and its salts	Yes	Carcinogenicity	Prop 65	
638-21-1	Phenylphosphine		Developmental Tox	Prop 65	
105650-23-5	PhIP (2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine)		Carcinogenicity	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
75-44-5	Phosgene; Carbonyl dichloride		Neurotox; Respiratory Tox	CA TACs; OEHHA RELs	
7803-51-2	Phosphine		Digestive System Toxicity; Hematotox; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurotox; Respiratory Tox	CA TACs; OEHHA RELs	
117310-64-2	Phosphine oxide, (butylphenyl)bis(2,6-dichlorobenzoyl)-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
65140-91-2	Phosphonic acid, [[3,5-bis(1,1-dimethylethyl) -4-hydroxyphenyl]methyl]-, monoethyl ester, calcium salt (2:1)		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
68412-68-0	Phosphonic acid, perfluoro-C6-12-alkyl derivs.		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
75768-65-9	Phosphonium, triphenyl(phenylmethyl)-, salt with 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]bis[phenol] (1:1)		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
7664-38-2	Phosphoric acid		Respiratory Tox	OEHHA RELs	

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 CANDIDATE CHEMICALS LIST- SEPTEMBER 26, 2013

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
53184-75-1	Phosphorous acid, (1-methylethylidene)di-4,1-phenylene tetrakis[(3-ethyl-3-oxetanyl)methyl] ester		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
7723-14-0	Phosphorus		Environmental Toxicity*; Respiratory Tox	CA TACs; CWA 303(d)	
85-44-9	Phthalic anhydride		Dermatotoxicity; Respiratory Tox	CA TACs; EC Annex VI Resp. Sens. - Cat. 1; OEHHA RELs	Yes
99-96-7	p-Hydroxybenzoic acid		Endocrine Tox	EC EDs - Cat. 1	
No CAS RN	Piperazine salts	Yes	Refer to Group Member List	Refer to Group Member List	
110-85-0	Piperazine; [liquid and solid]		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
No CAS RN	Pitches, Coal tar	Yes	Carcinogenicity	NTP 12th RoC - known	
7440-06-4	Platinum		Dermatotoxicity; Immunotox; Ocular Tox; Respiratory Tox	CDC 4th National Exposure Report	
7440-07-5	Plutonium		Carcinogenicity	IARC Carcinogens - 1	
53973-98-1	Poligeenan and Carrageenan (degraded)		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
No CAS RN	Polybrominated biphenyls, PBBs	Yes	Carcinogenicity; Developmental Tox; Endocrine Tox	EC EDs - Cat. 1; Prop 65	
68928-80-3	Polybrominated diphenyl ethers (PBDEs) congeners	Yes	Refer to Group Member List	Refer to Group Member List	Yes**

*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
CANDIDATE CHEMICALS LIST- SEPTEMBER 26, 2013

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
1336-36-3	Polychlorinated biphenyl (PCB) congeners	Yes	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 PBTs; CWA 303(c); CWA 303(d); EC EDs - Cat. 1; IARC Carcinogens - 1; IRIS Carcinogens - B2; NTP 12th RoC - reasonable; OEHHH RELs; OSPAR Priority Action Part A; Prop 65; US EPA NWMP PBTs; US EPA TRI PBTs	Yes
136677-09-3	Polychlorinated dibenzo-p-dioxins (PCDDs)	Yes	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	CA TACs; OSPAR Priority Action Part A; Prop 65	Yes
136677-10-6	Polychlorinated dibenzo-p-furans (PCDFs) and Furan Compounds	Yes	Bioaccumulation; Carcinogenicity; Environ. Persistence; Toxicity undefined*	CA TACs; OSPAR Priority Action Part A; Prop 65	Yes
No CAS RN	Polychlorophenols and their sodium salts (mixed exposures)		Carcinogenicity	IARC Carcinogens - 2B	
No CAS RN	Polycyclic Aromatic Hydrocarbons (PAHs)	Yes	Bioaccumulation; Environ. Persistence; Toxicity undefined*	OSPAR Priority Action Part A	Yes**
No CAS RN	Polycyclic Organic Matter		Carcinogenicity; Respiratory Tox	CA TACs	
183196-57-8	Potassium 1-methyl-3-morpholinocarbonyl-4-[3-(1-methyl-3-morpholinocarbonyl-5-oxo-2-pyrazolin-4-ylidene)-1-propenyl]pyrazole-5-olate; (EC No 200-679-5)]		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
7758-01-2	Potassium bromate		Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; Prop 65	
7789-00-6	Potassium chromate		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
7778-50-9	Potassium dichromate		Carcinogenicity; Genotoxicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
128-03-0	Potassium dimethyldithiocarbamate		Developmental Tox	Prop 65	
106-50-3	p-Phenylenediamine		Hazard Trait Under Review	CA TACs	
366-70-1	Procarbazine; and Its hydrochloride		Carcinogenicity; Developmental Tox	IARC Carcinogens - 2A; NTP 12th RoC - reasonable; Prop 65	
26850-12-4	Propanamide,N-[5-[bis[2-(acetyloxy)ethyl]amino]-2-[(2-chloro-4-nitrophenyl)azo]phenyl]-(9CI);		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
No CAS RN	Propanedinitrile, (and related derivatives)	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Propanenitrile, (and related derivatives)	Yes	Refer to Group Member List	Refer to Group Member List	
123-38-6	Propionaldehyde		Hepatotoxicity, Digestive System Tox; Neurotox	CA TACs	
115-07-1	Propylene		Respiratory Tox	OEHHA RELS	
75-56-9	Propylene oxide		Carcinogenicity; Dermatotoxicity; Developmental Tox; Genotoxicity; Neurotox; Ocular Tox; Reproductive Tox; 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

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
110-86-1	Pyridine		Carcinogenicity; Neurotox	ATSDR Neurotoxicants; Prop 65	
101200-53-7	Pyridine, 2-[3-(3-chlorophenyl)propyl]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
73398-86-4	Pyridine, 4-(3-chloro-5-propylphenyl)-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
73398-87-5	Pyridine, 4-(4-chloro-3-propylphenyl)-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
68391-11-7	Pyridine, alkyl derivs.; Crude Tar Bases;		Carcinogenicity; Genotoxicity	EC Annex VI CMRs - Cat. 1B	
59709-10-3	Pyridinium, 1-[2-[[4-[(2-chloro-4-nitrophenyl) azo]phenyl]ethylamino]ethyl]-, acetate		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
91-22-5	Quinoline and its strong acid salts		Carcinogenicity; Hazard Trait Under Review	CA TACs; EC Annex VI CMRs - Cat. 1B; IRIS Carcinogens - B2; Prop 65	Yes
51594-55-9	R-1-chloro-2,3-epoxypropane		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
57044-25-4	R-2,3-epoxy-1-propanol		Carcinogenicity; Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
No CAS RN	Raffinates (petroleum), and various treated and processed fractions	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Refractory Ceramic Fibres, Special Purpose Fibres,		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
131-56-6	Resbenzophenone; (2,4-Dihydroxybenzophenon)		Endocrine Tox	EC EDs - Cat. 1	
No CAS RN	Residual (heavy) fuel oils		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
No CAS RN	Residual oils (petroleum), treated	Yes	Refer to Group Member List	Refer to Group Member List	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
No CAS RN	Residues (coal tar)	Yes	Refer to Group Member List	Refer to Group Member List	
94114-46-2	Residues (coal), liq. solvent extrn.;		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
128683-35-2	Residues (oil sand), atm. tower		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
No CAS RN	Residues (petroleum) and similar products	Yes	Refer to Group Member List	Refer to Group Member List	
98219-64-8	Residues, steam cracked, thermally treated; Heavy Fuel oil;		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
No CAS RN	Resin acids and Rosin acids, salts and hydrogenated esters	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Resorcinol bis(diphenyl phosphate)		Hepatotoxicity, Digestive System Tox; Reproductive Tox	CECBP - Priority Chemicals	
65997-06-0	Rosin, hydrogenated		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
78-48-8	S,S,S-Tributyl phosphorotrithioate (Tribufos, DEF)		Carcinogenicity	Prop 65	
94-59-7	Safrole; 5-(2-propenyl)-1,3-benzodioxole		Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
64969-36-4	Salts of 3,3'-dimethylbenzidine		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
74753-18-7	Salts of 4,4'-bi-o-toluidine		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
135-98-8	sec-Butylbenzene		Nephrotox, Urinary System	CA NLS	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
7782-49-2	Selenium and selenium compounds		Bioaccumulation; Cardiovascular Tox; Dermatotoxicity; Developmental Tox; Endocrine Tox; Environ. Persistence; Hepatotoxicity, Digestive System Tox; Musculoskeletal Tox; Neurotox; Respiratory Tox; Toxicity undefined*	CA MCLs; CA TACs; CWA 303(c); CWA 303(d); OEHHA RELs	
7446-34-6	Selenium sulfide		Carcinogenicity	IRIS Carcinogens - B2; NTP 12th RoC - reasonable; Prop 65	
68308-34-9	Shale oils		Carcinogenicity	IARC Carcinogens - 1; Prop 65	
68937-51-9	Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, reaction products with ammonia, octamethylcyclotetrasiloxane and silica		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
14808-60-7	Silica dust, crystalline, in the form of quartz or cristobalite		Carcinogenicity	IARC Carcinogens - 1	
14464-46-1	Silica, Crystalline (Respirable Size)		Carcinogenicity; Respiratory Tox	NTP 12th RoC - known; OEHHA RELs; Prop 65	Yes
No CAS RN	Siloxanes and Silicones	Yes	Refer to Group Member List	Refer to Group Member List	
7440-22-4	Silver		Bioaccumulation; Environ. Persistence; Toxicity undefined*	CWA 303(c); CWA 303(d)	
No CAS RN	Slack wax (petroleum), treated Slack wax	Yes	Refer to Group Member List	Refer to Group Member List	
94551-87-8	Slimes and sludges, copper electrolyte refining, decopperised		Carcinogenicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1A; EC Annex VI Resp. Sens. - Cat. 1	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
92129-57-2	Slimes and sludges, copper electrolytic refining, decopperised, nickel 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	
7440-23-5	Sodium		Environmental Toxicity*	CWA 303(d)	
7775-11-3	Sodium chromate		Carcinogenicity; Genotoxicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
10588-01-9	Sodium dichromate		Carcinogenicity; Genotoxicity; Reproductive Tox; Respiratory Tox	EC Annex VI CMRs - Cat. 1B; EC Annex VI Resp. Sens. - Cat. 1	
128-04-1	Sodium dimethyldithiocarbamate		Developmental Tox	Prop 65	
1310-93-2	Sodium hydroxide		Dermatotoxicity; Ocular Tox; Respiratory Tox	OEHHA RELs	
15120-21-5	Sodium perborate		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
No CAS RN	Solvent naphtha (coal), and related compounds	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Solvent naphtha (petroleum), and related processed products	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Soots, tars, and Mineral oils (untreated and mildly treated oils and used engine oils)		Carcinogenicity	IARC Carcinogens - 1; NTP 12th RoC - known; Prop 65	
15086-94-9	Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one, 2',4',5',7'-tetrabromo-3',6'-dihydroxy-(and related compounds)	Yes	Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
59709-38-5	β-Alanine, N-[4-[(2-bromo-6-chloro-4- nitrophenyl)azo]phenyl]-N-(3-methoxy-3-oxopropyl)-, methyl ester		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBiTs	
4342-36-3	Stannane, (benzoyloxy)tributyl-		Endocrine Tox	EC EDs - Cat. 1	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
67701-37-5	Stannane, [(2-octyl-1,4-dioxo-1,4-butanediyl) bis(oxy)]bis[tributyl-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
4782-29-0	Stannane, [1,2-phenylenebis(carbonyloxy)		Endocrine Tox	EC EDs - Cat. 1	
379-52-2	Stannane, fluorotriphenyl-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
No CAS RN	Stannanes, tributylated compounds	Yes	Refer to Group Member List	Refer to Group Member List	
8052-41-3	Stoddard solvent; Low boiling point naphtha - unspecified;		Carcinogenicity; Environmental Toxicity*; Genotoxicity; Neurotox	ATSDR Neurotoxicants; CWA 303(d); EC Annex VI CMRs - Cat. 1B	Yes
No CAS RN	Strong Inorganic Acid Mists Containing Sulfuric Acid		Carcinogenicity; Respiratory Tox	IARC Carcinogens - 1; NTP 12th RoC - known; OEHHA RELs; Prop 65	Yes
7789-06-2	Strontium chromate		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
No CAS RN	Styrene and derrivatives	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
9014-01-1	Subtilisin		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
14808-79-8	Sulfate		Environmental Toxicity*; Respiratory Tox	CWA 303(d); OEHHA RELs	
7446-09-5	Sulfur dioxide		Developmental Tox; Respiratory Tox	OEHHA RELs; Prop 65	Yes
No CAS RN	Surfactants(MBAS)		Environmental Toxicity*	CWA 303(d)	
No CAS RN	Tail gas (petroleum), processed, distillates and fractions	Yes	Refer to Group Member List	Refer to Group Member List	
14807-96-6	Talc containing asbestiform fibers		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
No CAS RN	Tar acids, distillate phenols, crude phenols and other related fractions	Yes	Refer to Group Member List	Refer to Group Member List	

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
No CAS RN	Tar bases, coal and other Distillate Bases	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Tar oils, coal and oil fractions	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Tar, brown-coal	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Tars, coal	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	t-Butylphenyl diphenyl phosphate		Developmental Tox; Neurotox; Reproductive Tox	CECBP - Priority Chemicals	
994-05-8	tert-Amyl methyl ether		Developmental Tox	Prop 65	
33610-13-8	tert-Butyl (5S,6R,7R)-3-bromomethyl-5,8-dioxo-7-(2-(2-phenylacetamido)-5-thia-1-azabicyclo[4.2.0] oct-2-ene-2-carboxylate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
98-06-6	tert-Butylbenzene		Nephrotox, Urinary System	CA NLS	
75-65-0	Tertiary butyl alcohol (TBA)		Carcinogenicity	CA NLS	
12267-73-1	Tetraboron disodium heptaoxide, hydrate		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
79-94-7	Tetrabromobisphenol A (TBBPA)		Bioaccumulation; Endocrine Tox; Environ. Persistence; Neurotox; Reproductive Tox; Toxicity undefined*	CECBP - Priority Chemicals; OSPAR Priority Action Part A; US EPA TRI PBTs; WA PBTs	Yes
21850-44-2	Tetrabromobisphenol A bis(2,3-dibromopropyl) ether		Endocrine Tox	CECBP - Priority Chemicals	
4162-45-2	Tetrabromobisphenol A bis(2-hydroxyethyl) ether		Carcinogenicity; Endocrine Tox	CECBP - Priority Chemicals	
632-79-1	Tetrabromophthalic anhydride		Nephrotox, Urinary System; Neurotox	CECBP - Priority Chemicals	
1461-25-2	Tetrabutyltin (TTBT)		Endocrine Tox	EC EDs - Cat. 1	

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CANDIDATE CHEMICALS LIST- SEPTEMBER 26, 2013

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
1335-88-2	Tetrachloro naphthalene		Bioaccumulation; Environ. Persistence; Toxicity undefined*	WA PBTs	
127-18-4	Tetrachloroethylene; Perchloroethylene; (PERC)		Carcinogenicity; Hazard Trait Under Review; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurotox; Ocular Tox; Respiratory Tox	ATSDR Neurotoxicants; CA MCLs; CA TACs; CDC 4th National Exposure Report; CWA 303(c); CWA 303(d); IARC Carcinogens - 2A; IRIS Carcinogens - Likely Carcin.; IRIS Neurotoxicants; NTP 12th RoC - reasonable; OEHHA RELs; Prop 65	Yes
117-08-8	Tetrachlorophthalic anhydride		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
116-14-3	Tetrafluoroethylene		Carcinogenicity	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
61571-06-0	Tetrahydrothiopyran-3-carboxaldehyde		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
38051-10-4	Tetrakis(2-chloroethyl)dichloroisopentyl diphosphate (FRV66)		Hazard Trait Under Review	CECBP - Priority Chemicals	
509-14-8	Tetranitromethane		Carcinogenicity	IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
1000-05-1	Tetrasiloxane, 1,1,3,3,5,5,7,7-octamethyl-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
No CAS RN	Tetrasodium 5-(4,6-dichloro-5-cyanopyrimidin-2-ylamino)-4-hydroxy-2,3-azodinaphthalene-1,2,5,7-disulphonate		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
479-45-8	Tetryl		Neurotox	ATSDR Neurotoxicants	

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CANDIDATE CHEMICALS LIST- SEPTEMBER 26, 2013

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
7440-28-0	Thallium		Dermatotoxicity; Digestive System Toxicity; Neurotox; Other Hazard Trait	ATSDR Neurotoxicants; CA MCLs; CDC 4th National Exposure Report; CWA 303(c); CWA 303(d)	Yes
62-55-5	Thioacetamide		Carcinogenicity	EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2B; NTP 12th RoC - reasonable; Prop 65	
302-04-5	Thiocyanate		Hazard Trait Under Review	CDC 4th National Exposure Report	
70969-47-0	Thiols, C8-20, γ - ω -perfluoro, telomers with acrylamide		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
62-56-6	Thiourea		Carcinogenicity	NTP 12th RoC - reasonable; Prop 65	
137-26-8	Thiram		Endocrine Tox; Neurotox	EC EDs - Cat. 1; IRIS Neurotoxicants	
7440-31-5	Tin (and compounds)		Neurotox	ATSDR Neurotoxicants	
13463-67-7	Titanium dioxide (airborne, unbound particles of respirable size)		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
7550-45-0	Titanium tetrachloride		Dermatotoxicity; Respiratory Tox	CA TACs	
108-88-3	Toluene		Cardiovascular Tox; Developmental Tox; Hazard Trait Under Review; Hepatotoxicity, Digestive System Tox; Immunotox; 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); IRIS Neurotoxicants; OEHHA RELs; Prop 65	Yes

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

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
No CAS RN	Toluene Diisocyanates	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
65321-67-7	Toluene-2,4-diammonium sulphate; 4-methyl-m-phenylenediamine sulfate		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
127-65-1	Tosylchloramide sodium; Chloramine		Respiratory Tox	EC Annex VI Resp. Sens. - Cat. 1	
25962-77-0	trans-2-[(Dimethylamino)methylimino]-5-[2-(5-nitro-2-furyl)-vinyl]-1,3,4-oxadiazole		Carcinogenicity	IARC Carcinogens - 2B	
55738-54-0	trans-2-[(Dimethylamino)methylimino]-5-[2-(5-nitro-2-furyl)vinyl]-1,3,4-oxadiazole		Carcinogenicity	Prop 65	
No CAS RN	Tributyl Compounds	Yes	Refer to Group Member List	Refer to Group Member List	
817-09-4	Trichlormethine (Trimustine hydrochloride)		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
76-03-9	Trichloroaceticacid		Carcinogenicity	IARC Carcinogens - 2B	
79-01-6	Trichloroethene (TCE)		Carcinogenicity; Digestive System Toxicity; Hazard Trait Under Review; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurotox; Ocular Tox; Respiratory Tox	ATSDR Neurotoxicants; CA MCLs; CA TACs; CDC 4th National Exposure Report; CWA 303(c); CWA 303(d); EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 1; IRIS Carcinogens - Carcin.; NTP 12th RoC - reasonable; OEHHA RELs; Prop 65	Yes
75-69-4	Trichlorofluoromethane; CFC-11 (CCl3F)		Hematotox; Hepatotoxicity, Digestive System Tox	CA MCLs; CWA 303(d)	
1321-65-9	Trichloronaphthalene		Bioaccumulation; Environ. Persistence; Toxicity undefined*	WA PBTs	

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CANDIDATE CHEMICALS LIST- SEPTEMBER 26, 2013

CAS RN	Candidate Chemical and/or Group Name	Has group members	Hazard Trait	Authoritative List Name	Initial List
3380-34-5	Triclosan; 2,4,4'-Trichloro-2'-hydroxyphenyl ether		Dermatotoxicity; Endocrine Tox; Immunotox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
1330-78-5	Tricresyl phosphate		Neurotox; Reproductive Tox	CECBP - Priority Chemicals	
24602-86-6	Tridemorph (ISO); 2,6-dimethyl-4-tridecylmorpholine		Reproductive Tox	EC Annex VI CMRs - Cat. 1B	
15606-95-8	Triethyl arsenate		Carcinogenicity	EC Annex VI CMRs - Cat. 1A	
121-44-8	Triethylamine		Neurotox; Ocular Tox; Respiratory Tox	CA TACs; OEHHA RELs	
No CAS RN	Trihalomethanes	Yes	Refer to Group Member List	Refer to Group Member List	Yes**
4964-14-1	Trimethylarsine oxide		Carcinogenicity; Cardiovascular Tox; Dermatotoxicity; Developmental Tox; Neurotox; Respiratory Tox	CDC 4th National Exposure Report; CECBP - Priority Chemicals	
No CAS RN	Trimethylbenzenes	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Trimethylhexamethylene-1,6-di-isocyanates	Yes	Refer to Group Member List	Refer to Group Member List	
No CAS RN	Trinickel, other salts	Yes	Refer to Group Member List	Refer to Group Member List	
2279-76-7	Tri-n-propyltin (TPrT)		Endocrine Tox	EC EDs - Cat. 1	
No CAS RN	Triphenyl phosphate		Neurotox; Reproductive Tox	CECBP - Priority Chemicals	
No CAS RN	Triphenyltin		Endocrine Tox	EC EDs - Cat. 1	
13674-87-8	Tris(1,3-dichloro-2-propyl) phosphate (TDCPP)		Carcinogenicity	CECBP - Priority Chemicals; Prop 65	Yes
13674-84-5	Tris(1-chloro-2-propyl)phosphate (TCPP)		Carcinogenicity	CECBP - Priority Chemicals	
52434-90-9	Tris-(2,3-dibromopropyl) isocyanurate		Neurotox	CECBP - Priority Chemicals	

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

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126-72-7	Tris(2,3-dibromopropyl) phosphate		Carcinogenicity; Hazard Trait Under Review	CECBP - Priority Chemicals; IARC Carcinogens - 2A; NTP 12th RoC - reasonable; Prop 65	Yes
66108-37-0	Tris(2,3-dichloro-1-propyl)phosphate		Carcinogenicity; Developmental Tox	CECBP - Priority Chemicals	
115-96-8	Tris(2-chloroethyl)phosphate (TCEP)		Carcinogenicity; Reproductive Tox	CECBP - Priority Chemicals; EC Annex VI CMRs - Cat. 1B; Prop 65	Yes
3555-47-3	Trisiloxane, 1,1,1,5,5,5-hexamethyl-3, 3-bis[(trimethylsilyl)oxy]-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
107-51-7	Trisiloxane, octamethyl-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
164058-22-4	Trisodium [4'-(8-acetylamino-3,6-disulfonato-2-naphthylazo)-4''-(6-benzoylamino-3-sulfonato-2-naphthylazo)-biphenyl-1,3',3'',1'''-tetraolato-O,O',O'',O''']copper(II)		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
7440-33-7	Tungsten		Respiratory Tox	CDC 4th National Exposure Report	
No CAS RN	Unleaded gasoline (wholly vaporized)		Carcinogenicity	IARC Carcinogens - 2B; Prop 65	
66-75-1	Uracil mustard		Carcinogenicity; Developmental Tox; Reproductive Tox	IARC Carcinogens - 2B; Prop 65	
77-52-1	Urs-12-en-28-oic acid, 3-hydroxy-, (3B)-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
7440-62-2	Vanadium and Compounds		Developmental Tox; Reproductive Tox	CA NLS	

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

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1314-62-1	Vanadium pentoxide		Carcinogenicity; Ocular Tox; Respiratory Tox	IARC Carcinogens - 2B; OEHHA RELs; Prop 65	Yes
108-05-4	Vinyl acetate		Carcinogenicity; Respiratory Tox	CA TACs; IARC Carcinogens - 2B; OEHHA RELs	Yes
593-60-2	Vinyl Bromide, Bromoethylene		Carcinogenicity; Hepatotoxicity, Digestive System Tox; Nephrotox, Urinary System; Neurotox	CA TACs; EC Annex VI CMRs - Cat. 1B; IARC Carcinogens - 2A; NTP 12th RoC - reasonable; Prop 65	Yes
75-01-4	Vinyl chloride; chloroethylene		Carcinogenicity; Neurotox; Ocular Tox; Respiratory Tox	CA MCLs; CA TACs; CWA 303(c); CWA 303(d); EC Annex VI CMRs - Cat. 1A; IARC Carcinogens - 1; IRIS Carcinogens - A; NTP 12th RoC - known; OEHHA RELs; Prop 65	Yes
75-02-5	Vinyl fluoride		Carcinogenicity	IARC Carcinogens - 2A; NTP 12th RoC - reasonable; Prop 65	
92062-34-5	Waste solids, coal-tar pitch coking; Coal Tar Solids Residue;		Carcinogenicity	EC Annex VI CMRs - Cat. 1B	
85186-47-6	Xanthylum, 9-(2-carboxyphenyl)-3,6-bis(diethylamino)-, salt with mono-10-14-alkylbenzenesulfonic acid (1:1)		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
1330-20-7	Xylenes; [o-xylene (95-47-6), m-xylene(108-38-3)and p-xylene (106-42-3)]		Digestive System Toxicity; Hazard Trait Under Review; Neurotox; Ocular Tox; Respiratory Tox	ATSDR Neurotoxicants; CA MCLs; CA TACs; CDC 4th National Exposure Report; CWA 303(d); IRIS Neurotoxicants; OEHHA RELs	Yes
7440-66-6	Zinc		Bioaccumulation; Environ. Persistence; Toxicity undefined*	CWA 303(c); CWA 303(d)	
No CAS RN	Zinc chromates including zinc potassium chromate		Carcinogenicity	EC Annex VI CMRs - Cat. 1A	

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CANDIDATE CHEMICALS LIST- SEPTEMBER 26, 2013

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2215-35-2	Zinc, bis[O,O-bis(1,3-dimethylbutyl) phosphorodithioato-S,S']-, (T-4)-		Bioaccumulation; Environ. Persistence; Toxicity undefined*	Canada PBITs	
98-83-9	α -Methyl styrene		Carcinogenicity; Reproductive Tox	IARC Carcinogens - 2B; Prop 65	

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