CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
13893-53-3	2-Amino-2,3-dimethylbutanenitrile	X			Med		High acute toxicity, high acute fish toxicity and algae toxicity, moderate toxicity to aquatic invertebrates. Incomplete base set of data. Requests completion of data requirements along with collection of additional exposure information. Chromosome aberration and developmental toxicity data submitted were considered inadequate.
	AMPS						
5165-97-9	1-Propanesulfonic acid, 2-methyl-2-[(1-oxo-2-propenyl)amino]-, monosodium salt	X		Low			
15214-89-8	1-Propanesulfonic acid, 2-methyl-2-[(1-oxo-2-propenyl)amino]-	X		Low			
3618-72-2	Acetamide, N-[5-[bis[2-(acetyloxy)ethyl]amino]-2-[(2-bromo-4,6-dinitrophenyl)azo]-4-methoxyphenyl]-	X			Low		
105-39-5	Acetic acid, chloro-, ethyl ester	X			Low		
1847-58-1	Acetic acid, sulfo-, 1-dodecyl ester, sodium salt	X			Med		Exposure information concerning releases to water.
5766-67-6	Acetonitrile, 2,2',2'',2'''-(1,2-ethanediyldinitrilo)tetrakis-	X		Low			Not readily biodegradable, considered persistent in the environment, the reproductive and developmental endpoints are identified as data gaps under the HPV Challenge Program.
63133-74-4	Acetonitrile, [ethyl(3-methylphenyl)amino]-	X			Low		
79-04-9	Acetyl chloride, chloro-	X		High			Acute aquatic toxicity to fish, invertebrate, and algae is high; repeated dose and genotoxicity identify the substance as a high concern for human health. Data gaps are identified for the reproductive and developmental toxicity endpoints.
79-36-7	Acetyl chloride, dichloro-	X			Low		
37853-59-1	1,1'-(1,2-Ethanediylbis(oxy))bis(2,4,6-tribromobenzene	X			Low		
19248-13-6	1,2-Ethanediamine, N-ethyl-N-3-methylphenyl-	X			Low		

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
109-09-1	2-chloropyridine				Med		Exposure information for occupational and releases to the environment. Clarify discrepancy between public submission of use information in HPV Challenge Program and 2006 IUR stating "Not Readily Obtainable," SIDS data on acute aquatic toxicity data on fish.
	Alkyl Acetate C6 - C13 Category						
108419-32-5	Acetic acid, C7-9-branched alkyl esters, C8-rich	X			Low		
108419-33-6	Acetic acid, C8-10-branched alkyl esters, C9-rich	X			Low		
108419-34-7	Acetic acid, C9-11-branched alkyl esters, C10-rich	X			Low		
108419-35-8	Acetic acid, C11-14-branched alkyl esters, C13-rich	X			Med		Potential risk to aquatic organisms; exposure information related to environmental releases is requested.
88230-35-7	Hexanol, acetate, branched and linear	X			Low		
90438-79-2	Acetic acid, C6-8-branched alkyl esters	X			Low		
	Alkyl Esters of Unsaturated Alcohols Cluster						
142-19-8	Heptanoic acid, 2-propenyl ester		X			High	Collection of additional exposure information to determine if additional testing is needed. Repeated-dose, reproductive and developmental testing are being considered along with acute and chronic aquatic toxicity for substances in which the log Kow is <8.
141-12-8	2,6-Octadien-1-ol, 3,7-dimethyl-, acetate, Z-		X			High	
1191-16-8	2-Buten-1-ol, 3-methyl-, acetate		X			High	
3681-71-8	3-Hexen-1-ol, acetate, Z-		X			High	
3681-73-0	Hexadecanoic acid, 2E-3,7-dimethyl-2,6-octadien-1-yl ester		X			High	
	Alkyl Esters of Unsaturated Fatty Acids Cluster						
111-59-1	9-Octadecenoic acid Z-, propyl ester		X			Low	
111-62-6	9-Octadecenoic acid Z-, ethyl ester		X			Low	
544-35-4	9,12-Octadecadienoic acid Z,Z-, ethyl ester		X			Low	
1120-34-9	13-Docosenoic acid, methyl ester, Z-		X			Low	

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
32953-65-4	9-Octadecenoic acid Z-, octyl ester		X			Low	
36078-10-1	9-Octadecenoic acid Z-, dodecyl ester		X			Low	
68412-06-6	9-Octadecenoic acid Z-, C12-15-alkyl esters		X			Low	
	Alkyl Nitriles Category						
109-74-0	Butanenitrile	X			Low		
107-12-0	Propanenitrile	X			Low		
78-82-0	Propanenitrile, 2-methyl-	X			Low		
	Alkyl Ureas Category						
625-52-5	Urea, ethyl-		X			High	Potential ecotoxicity and human health hazard concerns.
1187-03-7	Urea, tetraethyl-		X			High	No data are available for the reproductive endpoint.
4559-86-8	Urea, tetrabutyl-		X			High	Should be referred to the Interagency Testing Committee
31506-43-1	Urea, [3-dimethylaminopropyl]-		X			High	for additional human health hazard testing and collection of additional exposure information. EPA should evaluate whether controls (restrictions) similar to those
52338-87-1	Urea, N,N-bis[3-dimethylaminopropyl]-		X			High	implemented in the New Chemicals Program should be considered.
	Alkylphenols Category						
	***o*- Substituted AlkylPhenols**						
88-18-6	Phenol, 2-(1,1-dimethylethyl)-	X		Mod			Moderate for aquatic organisms. The potential health hazard of the alkylphenols category members is moderate based on repeated-dose and reproductive toxicity. No data gaps are identified.
89-72-5	Phenol, 2-(1-methylpropyl)-	X		Mod			
	***p*- Substituted Alkylphenols**						
98-54-4	Phenol, 4-(1,1-dimethylethyl)-	X		Mod			p-tert-butylphenol and p-sec-butylphenol are readily biodegradable, indicating that they do not have the potential to persist in the environment. All other p-substituted alkylphenol subcategory members are not readily biodegradable, indicating that they have the potential to persist in the environment. The potential acute hazard of the majority of p-substituted alkylphenols subcategory to aquatic organisms is moderate while some of the category members have the potential for
99-71-8	Phenol, 4-(1-methylpropyl)-	X		Mod			
80-46-6	Phenol, 4-(1,1-dimethylpropyl)-	X		Mod			
72624-02-3	Phenol, heptyl derivs.	X		Mod			
140-66-9	Phenol, 4-(1,1,3,3-tetramethylbutyl)-	X		Mod			
1806-26-4	Phenol, 4-octyl-	X		Mod			
599-64-4	Phenol, 4-(1-methyl-1-phenylethyl)-	X		Mod			
84852-15-3	Phenol, 4-nonyl-, branched	X		Mod			

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
210555-94-5	Phenol, 4-dodecyl-, branched	X		Mod			high toxicity to aquatic plants.. The potential health hazard is moderate based on repeated-dose and reproductive toxicity. No data gaps identified.
	***Di-* and *Tri*-Substituted Mixed Alkylphenols**						
732-26-3	Phenol, 2,4,6-tris(1,1-dimethylethyl)-	X		Mod			
17540-75-9	Phenol, 2,6-bis(1,1-dimethylethyl)-4-(1-methylpropyl)-	X		Mod			Not readily biodegradable, bioaccumulation potential expected to be high. The potential acute hazard to aquatic organisms is moderate to high. The potential health hazard is moderate based on repeated-dose and reproductive toxicity. No data gaps identified.
2772-45-4	Phenol, 2,4-bis(1-methyl-1-phenylethyl)-	X		Mod			
2416-94-6	Phenol, 2,3,6-trimethyl-	X		Mod			
96-76-4	Phenol, 2,4-bis(1,1-dimethylethyl)-	X		Mod			
128-39-2	Phenol, 2,6-bis(1,1-dimethylethyl)-	X		Mod			
120-95-6	Phenol, 2,4-bis(1,1-dimethylpropyl)-	X		Mod			
	Alkylphenols Cluster						
233587-36-5	Phenol, 2or 4-sec-tetracosyl-		X			Med	Exposure information on substances with a log Kow of <6 includes: use, frequency of releases to water, and resultant exposures. Exposure information to assess human health concerns for CASRN 91672-41-2, which has a vapor pressure above 1.3 × 10-6 hPa. EPA recommended to evaluate the cluster members against the concerns expressed in the SNUR proposed under TSCA Section 5(a)(2) for a cluster member (134701-20-5), and consider whether comparable (or other) actions may be needed for additional cluster members.
234446-37-8	Phenol, 2or 4-sec-hexacosyl-		X			Med	
234446-38-9	Phenol, 2or 4-sec-octacosyl-		X			Med	
234446-39-0	Phenol, 2or 4-sec-triacontyl-		X			Med	
134701-20-5	Phenol, 2,4-dimethyl-6-1-methylpentadecyl-		X			Med	
91672-41-2	Phenol, 2-nonyl-, branched		X			Med	
	Alpha Hydroxy Internal Alkynes Cluster						
78-66-0	4-Octyne-3,6-diol, 3,6-dimethyl-		X			Med	Exposure information concerning releases to water.
142-30-3	3-Hexyne-2,5-diol, 2,5-dimethyl-	X				Med	Moderate acute and chronic aquatic toxicity for CASRN 68227-33-8.
68227-33-8	6-Dodecyne-5,8-diol, 2,5,8,11-tetramethyl-		X			Med	

Summary of All

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
	Alpha Hydroxy Terminal Alkynes Cluster						
5877-42-9	1-Octyn-3-ol, 4-ethyl-		X			Med	Moderate acute/chronic aquatic toxicity, irritating to the eyes, high acute dermal toxicity, moderate acute oral and repeated dose (oral) toxicity, no reproductive data available. Possible concern for inhalation exposure due to vapor pressure. Candidate for gathering additional exposure information (releases to water and related to human health) and determine if additional toxicity data are needed.
77-75-8	1-Pentyn-3-ol, 3-methyl-		X			Med	
107-54-0	1-Hexyn-3-ol, 3,5-dimethyl-		X			Med	
	Aluminum Alkyls Category						
6651-25-8	Aluminum, tridocosyl-	X			Low		
68908-97-4	Aluminum, tri-C2-20-alkyl complexes	X			Low		
12075-68-2	Aluminum, di-.mu.-chlorochlorotriethyldi-	X			Low		
6651-27-0	Aluminum, trioctacosyl-	X			Low		
1529-59-5	Aluminum, tridodecyl-	X			Low		
1779-25-5	Aluminum, chlorobis(2-methylpropyl)-	X			Low		
1116-70-7	Aluminum, tributyl-	X			Low		
1116-73-0	Aluminum, trihexyl-	X			Low		
1529-57-3	Aluminum, trieicosyl-	X			Low		
1070-00-4	Aluminum, trioctyl-	X			Low		
3041-23-4	Aluminum, trioctadecyl-	X			Low		
97-93-8	Aluminum, triethyl-	X			Low		
96-10-6	Aluminum, chlorodiethyl-	X			Low		
100-99-2	Aluminum, tris(2-methylpropyl)-	X			Low		
6651-26-9	Aluminum, tritetracosyl-	X			Low		
1529-58-4	Aluminum, tritetradecyl-	X			Low		
1726-65-4	Aluminum, trihexadecyl-	X			Low		
1726-66-5	Aluminum, tris(decyl)-	X			Low		
10449-71-5	Aluminum, trihexacosyl-	X			Low		
563-43-9	Aluminum, dichloroethyl-	X			Low		

Summary of All

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
68955-53-3	Amines, C12-14-tert-alkyl	X			Med		Exposure information regarding releases to the water compartment and other pertinent information regarding environmental releases. In addition, exposure data are needed relevant to human health exposures (occupational and consumer use.)
	Anethole and *trans* -Anethole						
104-46-1	Benzene, 1-methoxy-4-(1-propenyl)-	X			Med		Exposure information regarding releases to the environment with emphasis on the water compartment.
4180-23-8	Benzene, 1-methoxy-4-(1E)-1-propenyl-	X			Med		
563-80-4	2-Butanone, 3-methyl-	X		?/Low			Acute toxicity to fish and acute toxicity to aquatic invertebrates were identified as data gaps under the HPV Challenge Program. The potential health hazard of 3-methyl-2-butanone is low.
105-76-0	2-Butenedioic acid (2Z)-, dibutyl ester	X			Med		Exposure information regarding releases to the environment with emphasis on the water compartment. Chronic aquatic toxicity data.
1563-38-8	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-	X			Low		
101-80-4	Benzenamine, 4,4-oxybis-	X			Med		Exposure information related to worker exposure along with other pertinent information related to product stewarship and hazard/risk communication.
37853-59-1	Benzene, 1,1'-[1,2-ethanediylbis(oxy)]bis[2,4,6-tribromo-	X			Low		
2778-42-9	Benzene, 1,3-bis(1-isocyanato-1-methylethyl)-	X		High			The potential health hazard is high based on repeated-dose toxicity. The potential acute hazard to fish is high and to aquatic invertebrates and aquatic plants is moderate.
3748-13-8	Benzene, 1,3-bis(1-methylethenyl)-	X			Med		Exposure information regarding releases to the environment with emphasis on the water compartment.

Summary of All

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
622-96-8	Benzene, 1-ethyl-4-methyl-	X		?/Mod			Log Kow, ready biodegradation, acute toxicity to fish, acute toxicity to aquatic invertebrates, and toxicity to aquatic plants were identified as data gaps under the HPV Challenge Program. The potential health hazard is moderate based on developmental toxicity.
140-67-0	Benzene, 1-methoxy-4-2-propenyl-	X			Med		Exposure information regarding releases to the environment with emphasis on water compartment; information concerning its prevalence in consumer soaps/detergents and other relevant exposure information.
99-08-1	Benzene, 1-methyl-3-nitro-	X		Mod			The potential aquatic toxicity is moderate for aquatic invertebrates. The potential health hazard is moderate based on repeated-dose and developmental toxicity.
35074-77-2	Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 1,6-hexanediyl ester	X		Mod			The potential health hazard is moderate based on repeated-dose toxicity. Gene mutation and chromosomal aberrations were identified as data gaps under the HPV Challenge Program.
6683-19-8	Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis[[3-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]methyl]-1,3-propanediyl ester	X		Mod			The potential health hazard of IRGANOX 1010 is moderate based on the results of the developmental toxicity. No data gaps identified.
32687-78-8	IRGANOX MD 1024	X			Low		
41484-35-9	Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, thiodi-2,1-ethanediyl ester	X		?/High			IRGANOX 1035 is not readily biodegradable, indicating that it has the potential to persist in the environment. EPA recommends chronic aquatic toxicity testing. The potential health hazard is high based on the repeated-dose toxicity.

Summary of All

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
122-97-4	Benzenepropanol		X			High	Exposure information regarding releases to the water compartment and other pertinent information regarding environmental releases. In addition, exposure data are needed relevant to human health exposures (occupational and consumer use.) Determine if additional testing is needed for human health (inhalation route and reproductive toxicity) and chronic aquatic toxicity.
1333-39-7	Benzenesulfonic acid, hydroxy-	X			Low		
620-22-4	Benzonitrile, 3-methyl-	X			Low		
5419-55-6	Boric acid (H3BO3), tris(1-methylethyl) ester	X		Low/?			Low aquatic toxicity. The potential for human health hazards cannot be determined due to data gaps (repeated-dose, reproductive and developmental toxicity, and chromosomal aberrations tests).
	Branched Alkyl Amines Cluster						
2738-06-9_	2-Butanamine, N-ethyl-3-methyl-		X			High	Potential concern for ecotoxicity and human health effects. Exposure information regarding releases to the water compartment and other pertinent information regarding environmental releases. In addition, exposure data are needed relevant to human health exposures (occupational and consumer use). EPA recommended to evaluate the cluster members in association with the New Chemicals Program to consider regulatory actions (or other) may be needed.
106-20-7	1-Hexanamine, 2-ethyl-N-(2-ethylhexyl)-		X			High	
27094-65-1	1-Butanamine, 2-methyl-N-2-methylbutyl-		X			High	
61361-18-0	1-Pentanamine, N-2-methylbutyl-		X			High	
68513-50-8	1-Tridecanamine, N-tridecyl-, branched		X			High	
121255-03-6	1,5-Pentanediamine, 2-methyl-N,N'-bis(1-methylethyl)-		X			High	
92-15-9	Butanamide, N-(2-methoxyphenyl)-3-oxo-	X		Mod			The evaluation of available toxicity data for fish, aquatic invertebrates, and aquatic plants indicates that the potential acute hazard to aquatic organisms is low. The potential health hazard is moderate based on repeated-dose toxicity. No data gaps identified.
105-45-3	Butanoic acid, 3-oxo-, methyl ester	X			Low		

Summary of All

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
	Butenedionic Acid Dialkyl Esters Cluster						
621-13-6	2-Butenedioic acid (2Z)-, dicyclohexyl ester	X				High	
141-02-6	2-Butenedioic acid (E)-, bis(2-ethylhexyl) ester		X			High	
2915-52-8	2-Butenedioic acid (Z)-, didodecyl ester		X			High	
53817-54-2	2-Butenedioic acid (Z)-, diisononyl ester		X			High	
141-05-9	2-Butenedioic acid (2Z)-, 1,4-diethyl ester		X			High	Exposure information regarding releases to the water compartment and other pertinent information regarding environmental releases. In addition, exposure data are needed relevant to human health exposures (occupational and consumer use.)
624-48-6	2-Butenedioic acid (2Z)-, 1,4-dimethyl ester		X			High	
68921-51-7	2-Butenedioic acid (E)-, di-C12-18-alkyl esters	X				High	
686140-90-2	2-Butenedioic acid (2E)-, di-C8-18-alkyl esters	X				High	
14234-82-3	2-Butenedioic acid (Z)-, bis(2-methylpropyl) ester		X			High	
061791-92-2	2-Butenedioic acid (Z)-, ditridecyl ester		X			High	
105-08-8	1,4-Cyclohexanedimethanol	X		Low/?			The evaluation of toxicity data for freshwater fish, aquatic invertebrates, and aquatic plants indicates that the potential hazard to aquatic organisms is low. The potential health hazard is low based on repeated-dose and reproductive/developmental toxicity. Ready biodegradation data remain a data gap under the HPV Challenge Program.

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
	C7-C9 Aliphatic Aldehydes and Carboxylic Acids Category						
124-19-6	Nonanal	X			Med		Exposure information regarding releases to the water compartment and other pertinent information regarding environmental releases.
124-13-0	Octanal	X			Med		
111-14-8	Heptanoic acid	X			Med		
111-71-7	Heptanal	X			Med		
65086-85-3	Carbamic acid, [(dimethylamino)iminomethyl] methyl-, ethyl ester, monohydrochloride	X		Low			The evaluation of available toxicity data for fish, aquatic invertebrates, and aquatic plants indicates that the potential acute hazard to aquatic organisms is low. The potential health hazard is low. No data gaps.
2231-57-4	Carbonothioic dihydrazide	X		?			Data gaps for the biodegradation, acute toxicity to fish and aquatic invertebrates, toxicity to aquatic plants, repeated dose, reproductive and developmental toxicity, and chromosomal aberrations endpoints were identified under the HPV Challenge Program.
	Carboxylic Food Acids and Salts						
64-19-7	Acetic acid	X			Low		
68-04-2	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, trisodium salt	X			Low		
77-92-9	1,2,3-Propanetricarboxylic acid, 2-hydroxy-	X			Low		
110-17-8	2-Butenedioic acid (2E)-	X			Low		
127-08-2	Acetic acid, potassium salt	X			Low		
62-54-4	Acetic acid, calcium salt	X			Low		
638-38-0	Acetic acid, manganese(2+) salt	X			Low		
994-36-5	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, sodium salt	X			Low		
866-84-2	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, tripotassium salt	X			Low		
142-72-3	Acetic acid, magnesium salt	X			Low		
6915-15-7	Butanedioic acid, hydroxy-	X			Low		
127-09-3	Acetic acid, sodium salt	X			Low		
631-61-8	Acetic acid, ammonium salt	X			Low		

Summary of All

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
8007-24-7	Cashew, nutshell liq	X		High/Low			The toxicity data estimated by ECOSAR for fish, aquatic invertebrates and aquatic plants indicates the potential acute hazard of cashew nutshell liquid is high. The potential health hazard of cashew nutshell liquid is low.
	Chloroaniles Cluster						
106-47-8	Benzenamine, 4-chloro-		X			Med	Determine if additional exposure information is needed.
95-74-9	Benzenamine, 3-chloro-4-methyl-		X			Med	Determine if additional toxicity testing is needed.
95-79-4	Benzenamine, 5-chloro-2-methyl-		X			Med	
	Chlorobenzenes						
87-61-6	Benzene, 1,2,3-trichloro-	X			Low		Exposure information (workers, consumers, children, and general population) should be provided to confirm or refute the high potential risk from CASRN 541-73-1.
95-50-1	Benzene, 1,2-dichloro-	X			Low		
541-73-1	Benzene, 1,3-dichloro-	X			High		
108-90-7	Benzene, chloro-	X			Low		
	Cinamyl Derivatives Category						
104-55-2	2-Propenal, 3-phenyl-	X			Med		Exposure information regarding worker and consumer exposure along with potential releases to water.
101-86-0	Octanal, 2-(phenylmethylene)-	X			Med		
80-54-6	Benzenepropanal, 4-(1,1-dimethylethyl)-.alpha.-methyl-	X			Med		
122-40-7	Heptanal, 2-(phenylmethylene)-	X			Med		Exposure information regarding releases to the water compartment and other pertinent information regarding environmental releases.
3194-55-6	Cyclododecane, 1,2,5,6,9,10-hexabromo-	X			High		Exposure information regarding occupational, consumer and children. In addition, data relevant to releases, presence and bioaccumulation in the environment. Data are to be evaluated and/or collected in the IRIS and the NHANES to determine if additional testing may be necessary or if the substance should be a candidate for the VCCEP.
68915-38-8	Cyclohexane, oxidized, aq. ext.	X		?			The following data gaps remain: aquatic plants, repeated dose, chromosome aberrations, and reproductive and developmental toxicity.
100-64-1	Cyclohexanone, oxime	X			Low		

Summary of All

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
1222-05-5	Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-	X		High/Mod			The evaluation of available toxicity data for fish, aquatic invertebrates, and aquatic plants indicates that the potential acute hazard to aquatic organisms is high. The potential health hazard is moderate based on developmental toxicity. No data gaps.
61898-95-1	Cyclopropanecarboxylic acid, 3-(2,2-dichloroethenyl)-2,2-dimethyl-, methyl ester	X			Low		
108-32-7	1,3-Dioxolan-2-one, 4-methyl-	X			Low		
646-06-0	1,3-Dioxolane	X			Low/ High		The evaluation of available toxicity data for fish, aquatic invertebrates, and aquatic plants indicates that the potential acute hazard to aquatic organisms is low. The potential health hazard is high based on repeated-dose and reproductive and developmental toxicity. No data gaps.
126-86-3	5-Decyne-4,7-diol, 2,4,7,9-tetramethyl-	X			Low		
	Dibasic esters Category						
95481-62-2	dibasic ester	X			Low		
627-93-0	Hexanedioic acid, dimethyl ester	X			Low		
106-65-0	Butanedioic acid, dimethyl ester	X			Low		
1119-40-0	Pentanedioic acid, dimethyl ester	X			Low		
	Dicarboxylic acid Category						
110-15-6	Butanedioic acid	X			Low		
110-94-1	Pentanedioic acid	X			Low		
124-04-9	Hexanedioic acid	X			Low		
	Diesters Category						
6938-94-9	Hexanedioic acid, bis(1-methylethyl) ester	X			Mod/Low		The potential acute hazard to fish is moderate for maleic acid esters and the C12 adipic acid and sebacic acid esters (based on C14 supporting chemical data) and low for esters above C20 (due to low water solubilty). The potential acute hazard of the diester category members is low to aquatic invertebrates and moderate to aquatic
105-52-2	2-Butenedioic acid (2Z)-, bis(1,3-dimethylbutyl) ester	X			Mod/Low		
33703-08-1	Hexanedioic acid, diisononyl ester	X			Low/ Low		
28472-97-1	Nonanedioic acid, diisodecyl ester	X			Low/ Low		

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
108-63-4	Hexanedioic acid, bis(1-methylheptyl) ester	X			Low/ Low		is low to aquatic invertebrates and moderate to aquatic plants in the C12 to C20 ranges and low above C20. The potential chronic aquatic toxicity hazard of the diester category members at and above C22 is low, based on supporting chemical data. EPA concludes low toxicity for all substances in regards to mammalian toxicity with the following exceptions: supporting substance maleic acid, dibutyl ester is a strong sensitizer; and IARC has classified the supporting chemical, adipic acid, bis (2-ethylhexyl) ester, into Group 3 (substances not classifiable as to its carcinogenicity to humans). MP, VP and WS are identified as data gaps for several of the substances along with chronic aquatic toxicity of maleic acid, bis(1.3-dimethyl butyl) ester.
1330-86-5	Hexanedioic acid, diisooctyl ester	X			Low/ Low		
142-16-5	2-Butenedioic acid (2Z)-, bis(2-ethylhexyl) ester	X			Mod/Low		
16958-92-2	Hexanedioic acid, ditridecyl ester	X			Low Low		
106-79-6	Decanedioic acid, dimethyl ester	X			Mod/Low		
27178-16-1	Hexanedioic acid, diisodecyl ester	X			Low/ Low		
103-24-2	Nonanedioic acid, bis(2-ethylhexyl) ester	X			Low/ Low		
122-62-3	Decanedioic acid, bis(2-ethylhexyl) ester	X			Low/ Low		
	Diethylbenzene Rich Streams Category						
25340-17-4	Benzene, diethyl-	X			Med		Exposure information regarding releases to the water compartment along with occupational, consumer and use information.
68608-82-2	Benzene, ethylenated, by-products from	X			Med		
19248-13-6	1,2-Ethanediamine, N-ethyl-N-(3-methylphenyl)-	X			Low		
110-71-4	Ethane, 1,2-dimethoxy-	X			High		Repeated dose studies on a structural analog indicate high concern. Provide releases on monoglyme to the environment; worker exposures to monoglyme; potential exposures to monoglyme to consumers with special emphasis on children.

Summary of All

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
306-83-2	Ethane, 2,2-dichloro-1,1,1-trifluoro-	X		High			The potential aquatic toxicity is low. The potential health hazard is high based on results of repeated dose inhalation toxicity and systemic effects in the F0 animals in a 2-generation reproductive toxicity study. Potential for genotoxicity. No data gaps were identified.
111-96-6	Ethane,1-1'-oxybis[2-methoxy-	X			High		Available data indicate high concern for repeated dose and developmental toxicity with the potential to cause reproductive toxicity. Provide releases on diglyme to the environment; worker exposures to diglyme; potential exposures to diglyme to consumers with special emphasis on children.
929-06-6	Ethanol, 2-(2-aminoethoxy)-	X			High		Outstanding sponsorship commitment. EPA is proposing to initiate rulemaking under TSCA Section 4; consider proposals by initiating ECA within three months provided that all data elements are addressed; review available public literature.
	Ethylphenols Category						
620-17-7	Phenol, 3-ethyl-	X			Low		
123-07-9	Phenol, 4-ethyl-	X			Low		
90-00-6	Phenol, 2-ethyl-	X			Low		
25429-37-2	Ethylphenol isomer mixture	X			Low		
74-86-2	Ethyne	X		Low			The evaluation of estimated aquatic toxicity indicate that the potential for acute hazard for acetylene is low. The potential health hazard is low. Data gaps for the reproductive and developmental toxicity are identified.
	Fatty Acids Dimers and Trimer Category						
61788-89-4	Fatty acids, C18-unsatd., dimers	X			Low		
71808-39-4	Fatty acids, C16-18 and C18-unsatd., dimerized	X			Low		
68783-41-5	Fatty acids, C18-unsatd., dimers, hydrogenated	X			Low		
68937-90-6	Fatty acids, C18-unsatd., trimers	X			Low		

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
	Fatty Nitrogen Derived Cationics Category						
112-00-5	1-Dodecanaminium, N,N,N-trimethyl-, chloride	X			Med		
112-02-7	1-Hexadecanaminium, N,N,N-trimethyl-, chloride	X			Med		
61789-80-8	Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, chlorides	X			Med		
67784-77-4	Quaternary ammonium compounds, bis(hydroxyethyl)methyltallow alkyl, chlorides	X			Med		
68002-59-5	Quaternary ammonium compounds, di-C14-18-alkyldimethyl, chlorides	X			Med		
68783-78-8	Quaternary ammonium compounds, dimethylditallow alkyl, chlorides	X			Med		Exposure information regarding releases to the water compartment along with occupational and consumer use information. REDs for two of the supporting chemicals have addressed similar aquatic and human health hazards.
68607-29-4	Quaternary ammonium compounds, pentamethyltallow alkyltrimethylenedi-, dichlorides	X			Med		
68391-05-9	Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides	X			Med		
61789-81-9	Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, Me sulfates	X			Med		
61789-77-3	Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides	X			Med		
112-03-8	1-Octadecanaminium, N,N,N-trimethyl-, chloride	X			Med		
68002-58-4	Quaternary ammonium compounds, di-C14-18-alkyldimethyl, Me sulfates	X			Med		
8030-78-2	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	X			Med		
123-39-7	Methylformamide	X			Low		

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
102-06-7	1,3-Diphenylguanidine	X			Med		Exposure information regarding releases to the water compartment along with occupational and consumer (with emphasis on pregnant women) information.
288-88-0	1H-1,2,4-Triazole	X			High		Outstanding sponsorship commitment. EPA is proposing to initiate rulemaking under TSCA Section 4; consider proposals by initiating ECAs within three months provided that all data elements are addressed; review available public literature.
550-44-7	1H-Isoindole-1,3(2H)-dione, 2-methyl-	X		Low/Mod			The potential acute hazard to aquatic organisms is low. The potential health hazard is moderate based on repeated-dose, reproductive and developmental toxicity. No data gaps are identified.
118-48-9	2H-3,1-Benzoxazine-2,4(1H)-dione	X			High		Outstanding sponsorship commitment. EPA is proposing to initiate rulemaking under TSCA Section 4; consider proposals by initiating ECAs within three months provided that all data elements are addressed; review available public literature.
61617-00-3	2H-Benzimidazole-2-thione, 1,3-dihydro-4(or 5)-methyl-, zinc salt (2:1)	X		Mod/High			The potential acute hazard to aquatic organisms is moderate. The potential health hazard is high based on reproductive and developmental toxicity. No data gaps are identified.
103-23-1	Hexanedioic acid, bis(2-ethylhexyl) ester	X			Low		SEE DIESTERS CATEGORY (C22)
68515-75-3	Hexanedioic acid, di-C7-9-branched and linear alkyl esters	X			Low		Please refer to DIESTERS CATEGORY
64667-33-0	Hexanoic acid, 4,6,6,6-tetrachloro-3,3-dimethyl-, methyl ester	X			Low		
	Linear Alkyl Diacids Cluster						
3385-41-9	Hexanedioic acid, ammonium salt (1:2)		X		Low		
141-82-2	Propanedioic acid		X		Low		
1852-04-6	Undecanedioic acid		X		Low		
68937-70-2	Carboxylic acids, C6-18 and C8-15-di-	X			Low		
68937-72-4	Carboxylic acids, di-, C4-11	X			Low		
123-99-9	Nonanedioic acid	X			Low		
68603-87-2	Carboxylic acids, di-, C4-6		X		Low		

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
111-20-6	Decanedioic acid	X			Low		
18621-94-8	Hexanedioic acid, lithium salt (1:2)		X		Low		
12108-13-3	Manganese, tricarbonyl[(1,2,3,4,5-.eta.)-1-methyl-2,4-cyclopentadien-1-yl]-	X		High			The potential hazard to aquatic organisms is high. The potential health hazard is high based on acute (inhalation), repeated-dose (inhalation), and developmental (oral) toxicity. Available data also suggest the potential for genotoxicity. Acute toxicity to fish and algae are identified as data gaps.
7439-97-6	Mercury	X			High		High Priority Special Concern: releases of elemental mercury to the environment during manufacturing, processing, distribution in commerce, and disposal processes from breakage of mercury-containing products; domestic manufacturers engaged in the manufacture (including import into the United States) of elemental mercury and certain mercury-containing products; international manufacturers engaged in the manufacture (including export to the U.S) of elemental mercury and certain mercury-containing products; identification of end users of the mercury containing products; the number of certain mercury-containing products manufactured (including import) by domestic manufacturers; amounts of elemental mercury currently consumed in the manufacture of certain mercury-containing products; worker exposures during manufacturing, processing, distribution in commerce, and disposal processes; potential exposures to elemental mercury in consumer and children's products (including data on its presence and concentration in certain products, and on consumer use activity patterns

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
							(i.e., considering the frequency and duration of exposures)); and other information pertinent to potential exposures to elemental mercury. EPA is considering the following actions listed below. A TSCA § 5(a)(2) significant new use rule for mercury used in natural gas manometers, pyrometers, and flow meters, products for which available information indicates that manufacture and import have ceased; an action (or combination of actions) under TSCA § 6(a) for mercury used in products for which available information indicates that effective and economically feasible alternatives exist, including switches, relays, flame sensors, button cell batteries, manometers (other than natural gas manometers), barometers, and psychrometers/ hygrometers. As appropriate, such an action(s) would involve a group(s) of these products. Continuing collaborative efforts to address the phasing out the use of mercury-containing non-fever thermometers; and Continuing to gather information on certain mercury-containing toys, jewelry, and novelty items.
74-97-5	Methane, bromochloro-	X			High		Outstanding sponsorship commitment. EPA is proposing to initiate rulemaking under TSCA Section 4; consider proposals by initiating ECAs within three months provided that all data elements are addressed; review available public literature.
115-10-6	Methane, oxybis-	X			Low		
67-68-5	Methane, sulfinylbis-	X		Low/Mod			The potential acute hazard to aquatic organisms is low. The potential hazards to human health is moderate based on repeated-dose and reproductive/developmental toxicity. Available data suggest the potential for genotoxicity. No data gaps are identified.
75-75-2	Methanesulfonic acid	X			Low		

Summary of All

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
	Monocyclic Aromatic Amines Category						
103-69-5	Benzenamine, N-ethyl-	X					The acute hazard to fish is low; to aquatic invertebrates - low (N-ethylaniline) to moderate (N,N-diethylaniline); to aquatic plants - low (N-ethylaniline) to moderate (N,N-diethylaniline). The potential health hazard is moderate via the oral exposure route and high via the inhalation route based on repeated-dose and developmental toxicity. Supporting chemical to the category show evidence of carcinogenicity. No data gaps are identified.
91-66-7	Benzenamine, N,N-diethyl-	X					
99-97-8	Benzenamine, N,N,4-trimethyl-	X					
102-27-2	Benzenamine, N-ethyl-3-methyl-	X					
	Mononitriles Category						
88-74-4	Benzenamine, 2-nitro-	X		High			The potential hazard to aquatic organisms is low. The potential hazards to human health is high based on repeated-dose, reproductive and developmental toxicity. Available data suggests the potential for genotoxicity. No data gaps are identified.
100-01-6	Benzenamine, 4-nitro-	X		High			
13752-51-7	Morpholine, 4-[(4-morpholinylthio)thioxomethyl]-	X			Medium		To further understand the medium potential risk to aquatic organisms, EPA is requesting additional information of releases to the environment with emphasis on the water compartment.
	Neoacids C5 - C28 Category						
26896-20-8	Neodecanoic acid	X			Low		
68938-07-8	Fatty acids, C9-13-neo-	X			Low		
72480-45-6	Fatty acids, C9-28-neo-	X			Low		
598-98-1	Propanoic acid, 2,2-dimethyl-, methyl ester	X			Low		
95823-36-2	Carboxylic acids, C6-8-neo-	X			Low		
75-98-9	Propanoic acid, 2,2-dimethyl-	X			Low		
	n-Alkyl Aldehydes Cluster						
112-31-2	Decanal		X			Med	Determine if additional exposure information is necessary by reviewing data submitted under TSCA 8(a); determine if additional toxicity data are needed; confirm toxicity from
66-25-1	Hexanal		X			Med	
112-44-7	Undecanal		X			Med	

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
112-54-9	Dodecanal		X			Med	repeated-dose studies for cluster members; consideration of EPA's New Chemicals Program category on aldehydes may be useful.
	n-Butyric Acid/Anhydride Category						
107-92-6	Butanoic acid	X			Low		
106-31-0	Butanoic acid, anhydride	X			Low		
	n-Alkyl Carboxylic Acids						
112-05-0	Nonanoic acid	X				High	Outstanding basic data requirements exists for the HPV chemicals in this category. Additional information on exposure would assist in performing a more complete health assessment. Subcategories are anticipated for many of the category members with regard to aquatic toxicity based on breaks in the solubility and toxicity. Additional information should be provided via a test plan to further clarify this point.
124-07-2	Octanoic acid	X				High	
57-11-4	Octadecanoic acid	X				High	
143-07-7	Dodecanoic acid	X				High	
57-10-3	Hexadecanoic acid	X				High	
334-48-5	Decanoic acid	X				High	
544-63-8	Tetradecanoic acid	X				High	
68603-84-9	Carboxylic acids, C5-9		X			High	
67701-02-4	Fatty acids, C14-18		X			High	
67701-03-5	Fatty acids, C16-18	X				High	
67762-36-1	Fatty acids, C6-12	X				High	
68002-90-4	Fatty acids, C10-16	X				High	
68424-37-3	Fatty acids, C14-22	X				High	
68937-75-7	Fatty acids, C8-10	X				High	
68002-88-0	Fatty acids, C16-22		X			High	
251554-90-2	Fatty acids, C14		X			High	
506-30-9	Eicosanoic acid	X				High	
2426-08-6_	Oxirane, (butoxymethyl)-	X			Low		
2163-42-0	1,3-Propanediol, 2-methyl-	X		Low			

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
563-47-3	1-Propene, 3-chloro-2-methyl-	X		?/Mod			The potential hazard to aquatic organisms could not be determined because adequate data were not submitted on the required endpoints. The potential health hazard is moderate based on reproductive and developmental toxicity. Available data suggest the substance is weakly genotoxic. The following data gaps are present: acute fish, aquatic invertebrate and aquatic plant.
108-11-2	2-Pentanol, 4-methyl-	X			Low		
75-65-0	2-Propanol, 2-methyl-	X		Low/Mod			The potential hazard to aquatic organisms is low. The potential health hazard is moderated based on repeated-dose and reproductive/developmental toxicity. No data gaps are identified.
107-18-6	2-Propen-1-ol	X			Low		
66346-01-8	3-Pentanone, 1-(4-chlorophenyl)-4,4-dimethyl-	X		Mod/Low			The potential hazard to aquatic organisms is moderate. The potential health hazard is low.
63721-05-1	4-Pentenoic acid, 3,3-dimethyl-, methyl ester	X		?			The potential hazard to aquatic organisms could not be determined because data gaps are present for all three required endpoints. The potential health hazard cannot be determined as data gaps are present for developmental toxicity and chromosome aberrations. The following data gaps are present: log Kow, biodegradation, acute fish, aquatic invertebrate, aquatic plant, developmental toxicity, and chromosome aberrations.
	Petroleum Additive Alkaryl Sulfonate Category						
68608-26-4	Sulfonic acids, petroleum, sodium salts	X			Low		
115733-09-0	Benzenesulfonic acid, C14-24-branched and linear alkyl derivs., calcium salts	X			Low		
71549-79-6	Benzenesulfonic acid, mono-C15-30-branched alkyl and di-C11-13-branched and linear alkyl derivs.	X			Low		
71786-47-5	Benzenesulfonic acid, mono- and dialkyl derivs., magnesium salts	X			Low		

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
78330-12-8	Benzenesulfonic acid, mono- and di-C15-30-alkyl derivs., sodium salts	X			Low		
71486-79-8	Benzenesulfonic acid, mono-C15-30-branched alkyl and di-C11-13-branched and linear alkyl derivs., calcium salts, overbased	X			Low		
115733-10-3	Benzenesulfonic acid, C14-24-branched and linear alkyl derivs., calcium salts, overbased	X			Low		
115829-36-2	Benzenesulfonic acid, C14-24-branched and linear alkyl derivs.	X			Low		
61789-86-4	Sulfonic acids, petroleum, calcium salts	X			Low		
68783-96-0	Sulfonic acids, petroleum, calcium salts, overbased	X			Low		
61790-48-5	Sulfonic acids, petroleum, barium salts	X			Low		
70024-69-0	Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	X			Low		
527-60-6	Phenol, 2,4,6-trimethyl-	X			Low		
31570-04-4	Phenol, 2,4-bis(1,1-dimethylethyl)-, phosphite (3:1)	X			Low		
3757-76-4	Phenol, 2,4-dichloro-, sodium salt	X			Med		Information concerning releases to the environment with emphasis on the water compartment. Other information pertinent to environmental exposures to this chemical.
4790-71-0	Phenol, 2-[(2-methyl-2-propenyl)oxy]; Methyallyloxyphenol	X			Low		
23500-79-0	Phenol, 3-(chloromethyl)-6-(1,1-dimethylethyl)-2,4-dimethyl-	X			Low		
50594-77-9	Phenol, 3-[2-chloro-4-(trifluoromethyl)phenoxy]-, acetate	X			Low		
220352-35-2	Phenol, tert-Bu derivs., phosphates (3:1)	X			Med		In order to evaluate the medium to high concern for potential risk to aquatic plants and invertebrates, data on exposure information should be provided with emphasis on releases to the water compartment.

Summary of All

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
	Phenolic Benzotriazoles Category						
25973-55-1	Phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylpropyl)-	X		Mod			The potential hazard to aquatic organisms is moderate. The potential health hazard is moderate based on repeated-dose toxicity. Other available data indicate the potential exist for reproductive toxicity. No data gaps are identified.
2440-22-4	Phenol, 2-(2H-benzotriazol-2-yl)-4-methyl-	X		Mod			
3147-75-9	Phenol, 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)-	X		Mod			
70321-86-7	Phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)-	X		Mod			
2781-11-5_	Phosphonic acid, [[bis(2-hydroxyethyl)amino]methyl]-, diethyl ester	X		Low			The potential hazard to aquatic organisms is low. The potential health hazard is low. No data gaps are identified.
1809-19-4	Phosphonic acid, dibutyl ester	X			High		Outstanding sponsorship commitment. EPA is proposing to initiate rulemaking under TSCA Section 4; consider proposals by initiating ECAs within three months provided that all data elements are addressed; review available public literature.
	Phosphoric Acid Derivatives Category						
	Sub-Category I						
78-42-2	Phosphoric acid, tris(2-ethylhexyl) ester	X		Low/?			The potential hazard to aquatic organisms is expected to be low. The reproductive and developmental toxicity endpoints remain as data gaps.
	Sub-Category II						
298-07-7	Phosphoric acid, bis(2-ethylhexyl) ester	X		Low/?			The potential hazard to aquatic organisms is expected to be low. The chromosome aberrations, repeated-dose and reproductive and developmental toxicity endpoints remain as data gaps.
12645-31-7	Phosphoric acid, 2-ethylhexyl ester	X		Low/?			
	Sub-Category III						
126-71-6	Triisobutyl phosphate	X		Mod			The potential hazard to fish is low. The potential hazard to aquatic invertebrate and aquatic plants is moderate. The potential human health hazard is moderate based on repeated-dose toxicity. No data gaps are identified.

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
111-97-7	Propanenitrile, 3,3'-thiobis-	X		Low			The potential hazard to aquatic organisms is low. The potential human health hazard is low. Developmental toxicity is considered a data gap.
50-21-5	Propanoic acid, 2-hydroxy-	X		Low			
68227-46-3	Propanoic acid, 2-hydroxy-, compd. with 2-ethylhexyl [[3-[[2-(dimethylamino)ethoxy]carbonyl]amino]-4-methylphenyl]carbamate (1:1)	X		High			The potential hazard to acute invertebrates and fish is moderate and is high for aquatic plants (acute and chronic). The potential human health hazard is high based on repeated-dose toxicity and reproductive/developmental toxicity. No data gaps are identified.
4131-74-2	Propanoic acid, 3,3'-thiobis-, dimethyl ester	X			Low		
29598-76-3	Propanoic acid, 3-(dodecylthio)-, 2,2-bis[[3-(dodecylthio)-1-oxopropoxy]methyl]-1,3-propanediyl ester	X		Low/Mod			The potential hazard to aquatic organisms is low. The potential human health hazard is moderate based on repeated-dose toxicity. No data gaps are identified.
109-09-1	Pyridine, 2-chloro-	X			Med		In order to evaluate further the medium potential risks to workers, the general population, and the environment, EPA is requesting exposure information be provided on the above areas with special emphasis on releases to the water compartment. EPA is requesting that the exposure data discrepancy be corrected between the HPV submission and the 2006 IUR. EPA also identifies the following data gaps and is requesting that data be provided for the acute fish, aquatic invertebrate and aquatic plant endpoints.
61789-72-8	Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, chlorides	X			High		Outstanding sponsorship commitment. EPA is proposing to initiate rulemaking under TSCA Section 4; consider proposals by initiating ECAs within three months provided that all data elements are addressed; review available public literature.

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
68424-85-1	Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	X			High		Outstanding sponsorship commitment. EPA is proposing to initiate rulemaking under TSCA Section 4; consider proposals by initiating ECAs within three months provided that all data elements are addressed; review available public literature.
61789-73-9	Quaternary ammonium compounds, benzylbis(hydrogenated tallow alkyl)methyl, chlorides	X			High		Outstanding sponsorship commitment. EPA is proposing to initiate rulemaking under TSCA Section 4; consider proposals by initiating ECAs within three months provided that all data elements are addressed; review available public literature.
	Rosin Adducts and Adducts Salt Category						
68554-16-5	Rosin, fumarated maleated	X			Low		
8050-28-0	Rosin, maleated	X			Low		
68201-59-2	Resin acids and Rosin acids, fumarated, sodium salts	X			Low		
68649-83-2	Resin acids and Rosin acids, fumarated, potassium salts	X			Low		
85409-27-4	maleated rosin potassium salt	X			Low		
65997-04-8	Rosin, fumarated	X			Low		
	Rosin Esters Category						
8050-26-8	Resin acids and Rosin acids, esters with pentaerythritol	X			Low		
65997-13-9	Resin acids and Rosin acids, hydrogenated, esters with glycerol	X			Low		
68186-14-1	Resin acids and Rosin acids, Me esters	X			Low		
8050-31-5	Resin acids and Rosin acids, esters with glycerol	X			Low		
8050-15-5	Resin acids and Rosin acids, hydrogenated, Me esters	X			Low		
64365-17-9	Resin acids and Rosin acids, hydrogenated, esters with pentaerythritol	X			Low		
68153-38-8	Resin acids and Rosin acids, esters with diethylene glycol		X		Low		

Summary of All

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
	Rosins and Rosin Salts Category						
65997-06-0	Rosin, hydrogenated	X			Low		
68425-08-1	Rosin, distn. overheads	X			Low		
61790-51-0	Resin acids and Rosin acids, sodium salts	X			Low		
8050-09-7_	Rosin	X			Low		
68783-82-4	Rosin, low-boiling fraction	X			Low		
61790-50-9	Resin acids and Rosin acids, potassium salts	X			Low		
	Simple Alpha Hydroxy Carboxylic Acids Cluster						
79-33-4	Propanoic acid, 2-hydroxy-, (2S)-	X				Low	
25904-89-6	Acetic acid, hydroxy-, potassium salt		X			Low	
1932-50-9	Acetic acid, 2-hydroxy-, potassium salt (1:1)		X			Low	
	Substituted Diphenyl Amines Category						
184378-08-3	Benzenamine, N-phenyl reaction product with 2,4,4 trimethylpentene	X		?/Mod			Most of the data provided to address acute aquatic toxicity concerns were performed in the presence of solvents and with other deficiencies making it difficult to interpret. In general, the acute aquatic hazard potential is expected to be low. Existing data indicate that there is the potential of concern for chronic aquatic toxicity. Environmental fate and exposure data will need to be reviewed to determine if additional chronic aquatic toxicity testing is needed. The potential health hazard is moderate based on the repeated-dose and reproductive/developmental toxicity of two category members. No data gaps are identified, however, an overall prioritization decision was not made for the aquatic compartment based on the need to evaluate chronic aquatic toxicity which is considered a
10081-67-1	Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	X		?/Mod			
68442-68-2	Benzenamine, N-phenyl-, styrenated		X	?/Mod			
101-67-7	Benzenamine, 4-octyl-N-(4-octylphenyl)-	X		?/Mod			
122-39-4	Benzenamine, N-phenyl-	X		?/Mod			
68411-46-1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	X		?/Mod			
68921-45-9	Benzenamine, N-phenyl-, reaction products with styrene and 2,4,4-trimethylpentene	X		?/Mod			
36878-20-3	Benzenamine, ar-nonyl-N-(nonylphenyl)-	X		?/Mod			
68608-77-5	Benzenamine, 2-ethyl-N-(2-ethylphenyl)-, (tripropenyl) derivs.	X		?/Mod			

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
15721-78-5	Benzenamine, 4-(1,1,3,3-tetramethylbutyl)-N-[4-(1,1,3,3-tetramethylbutyl)phenyl]-		X	?/Mod			"conditional" endpoint.

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
66071-92-9	Sulfite liquors and Cooking liquors, spent	X		Low/High			The potential acute hazard to fish and aquatic invertebrates is low. Due to the dark color of the substance it has the potential to shade and pose a potential hazard to aquatic plants. The potential health hazard is its high corrositivity at the point of contact. No data gaps are identified.
110-88-3	1,3,5-Trioxane	X			Med		In order to evaluate the high concern for potential risk for inhalation exposures to the general population and workers, EPA is requesting that relevant exposure data pertinent to releases to air be provided. Any exposure information on release in the work environment would be helpful. EPA will then determine if additional route-specific toxicity testing is warranted.
142-22-3	2,5,8,10-Tetraoxatridec-12-enoic acid, 9-oxo-, 2-propenyl ester	X		High/Low			The potential acute toxicity to fish is high, to aquatic invertebrates is low and to aquatic plants is moderate. The potential health hazard is low. Available data suggests that the substance has the potential to be genotoxic. No data gaps are identified.
4067-16-7	3,6,9,12-Tetraazatetradecane-1,14-diamine		X			High	Refer to ITC for collection of additional exposure-related information and unpublished health and safety studies. Review exposure information to determine whether additional toxicity data are needed to confirm the substances toxicity as compared to analog data. Consideration of the New Chemicals Program Aliphatic Amines category may be useful.
	Tall Oil Fatty Acids and Related Substances						
65997-03-7	Fatty acids, tall-oil, low-boiling	X			Low		
68201-37-6	Octadecanoic acid, branched and linear		X		Low		
61790-45-2	Fatty acids, tall-oil, sodium salts	X			Low		

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
61790-12-3	Fatty acids, tall-oil	X			Low		
61790-44-1	Fatty acids, tall-oil, potassium salts	X			Low		
68955-98-6	Fatty acids, C16-18 and C18-unsatd., branched and linear	X			Low		
	Tall Oil and Related Substances						
65997-01-5	Tall oil, sodium salt	X			Low		
8016-81-7	Tall-oil pitch	X			Low		
8002-26-4	Tall oil	X			Low		
68527-29-7	Tall oil, disproportionated, potassium salt	X			Low		
68647-71-2	Tall oil, potassium salt		X		Low		
68152-92-1	Tall oil, disproportionated	X			Low		
68140-16-9	Tall-oil pitch, sodium salt	X			Low		
65997-02-6	Wastewater, tall-oil soap acidulation	X			Low		
	Terpenoid Primary Alcohols and Related Esters Category						
106-24-1	2,6-Octadien-1-ol, 3,7-dimethyl-, (2E)-	X		Mod			The potential acute hazard to aquatic organisms is moderate. The potential health hazard is moderate based on repeated-dose, reproductive and developmental toxicity. No data gaps are identified.
106-22-9	6-Octen-1-ol, 3,7-dimethyl-	X		Mod			
106-25-2	2,6-Octadien-1-ol, 3,7-dimethyl-, (2Z)-	X		Mod			
68412-04-4	1,6-Octadiene, 7-methyl-3-methylene-, acetylated	X		Mod			
18760-44-6	Thiophene, 3-(decyloxy)tetrahydro-, 1,1-dioxide	X		Mod/Low			The potential acute hazard to aquatic organisms is moderate. The potential health hazard is low. No data gaps are identified.
101-20-2	Urea, N-(4-chlorophenyl)-N'-(3,4-dichlorophenyl)-	X			High		Exposure information regarding releases to the environment with emphasis on the water compartment and needed to refute the high concern for toxicity to aquatic organisms. Based on data submitted, EPA will determine further action as needed.
	ZDDP Category						
84605-29-8	Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts	X			Med		

Summary of All

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested
54261-67-5	Zinc, bis[O,O-bis(dodecylphenyl) phosphorodithioato-.kappa.S,.kappa.S']-	X			Med		
28629-66-5	Zinc, bis(O,O-diisooctyl phosphorodithioato-.kappa.S,.kappa.S')-	X			Med		
25103-54-2	Zinc, bis(O,O-diisodecyl phosphorodithioato-.kappa.S,.kappa.S')-	X			Med		
11059-65-7	Zinc, bis[O,O-bis(tetrapropylenephenyl) phosphorodithioato-.kappa.S,.kappa.S']-	X			Med		
4259-15-8	Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-.kappa.S,.kappa.S']-, (T-4)-	X			Med		In order to evaluate further the medium concern for potential risk to fish, the general population, workers, and consumers, EPA is requesting exposure information regarding releases to the environment with emphasis on the water compartment. In addition, EPA is requesting information concerning the extent and rate of dissociation under environmental conditions and additional information concerning the use of the chemicals in consumer and commercial products.
113706-15-3	Phosphorodithioic acid, mixed O,O-bis(sec-Bu and isooctyl) esters, zinc salts	X			Med		
68457-79-4	Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts	X			Med		
68784-31-6	Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts	X			Med		
26566-95-0	Zinc, bis[O-(2-ethylhexyl) O-(2-methylpropyl) phosphorodithioato-.kappa.S,.kappa.S']-, (T-4)-	X			Med		
68988-46-5	Phosphorodithioic acid, mixed O,O-bis(iso-Bu and isooctyl and pentyl) esters, zinc salts	X			Med		
2215-35-2	Zinc, bis[O,O-bis(1,3-dimethylbutyl) phosphorodithioato-.kappa.S,.kappa.S']-, (T-4)-	X			Med		

Key: Decisions with a " / ", identify a variation in the prioritization decision between the aquatic compartment and human health. Aquatic compartment priority decision / human health priority decisions. When both decisions are the same, only one prioritization decision is presented.

Summary of All

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	EPA RBP Decision	EPA HPB Decision	Additional Information/Work Requested

Key: The presence of a "?" in the HC prioritization decision identifies the lack of a prioritization decision being presented by EPA. This is further elaborated upon in the additional information/work requested column. In many cases, data gaps are identified by EPA.

Hazard Characterizations

CAS Number	Category/Chemical Name	HPV MPV	Interim Hazard Characterization Decision	Additional Information/Work Requested	Date Posted
	AMPS				
5165-97-9	1-Propanesulfonic acid, 2-methyl-2-[(1-oxo-2-propenyl)amino]-, monosodium salt	X	Low		Jun-08
15214-89-8	1-Propanesulfonic acid, 2-methyl-2-[(1-oxo-2-propenyl)amino]-	X	Low		
5766-67-6	Acetonitrile, 2,2',2'',2'''-(1,2-ethanediyldinitrilo)tetrakis-	X	Low	Not readily biodegradable, considered persistant in the environment, the reproductive and developmental endpoints are identified as data gaps under the HPV Challenge Program.	Jun-08
79-04-9	Acetyl chloride, chloro-	X	High	Acute aquatic toxicity to fish, invertebrate and algae is high; repeated-dose and genotoxicity identify the substance as a high concern for human health. Data gaps are identified for the reproductive and developmental toxicity endpoints.	Jun-08
	Alkylphenols Category				
	***o*- Substituted AlkylPhenols**				
88-18-6	Phenol, 2-(1,1-dimethylethyl)-	X	Mod	Moderate for aquatic organisms. The potential health hazard of the alkylphenols category members is moderate based on repeated-dose and reproductive toxicity. No data gaps are identified.	
89-72-5	Phenol, 2-(1-methylpropyl)-	X	Mod		
	***p*- Substituted Alkylphenols**				
98-54-4	Phenol, 4-(1,1-dimethylethyl)-	X	Mod	p-tert-butylphenol and p-sec-butylphenol, are readily biodegradable, indicating that they do not have the potential to persist in the environment. All other p-substituted alkylphenol subcategory members are not readily biodegradable, indicating that they have the potential to persist in the environment. The potential acute hazard of the majority of p-substituted alkylphenols subcategory to aquatic organisms is moderate while some of the category members pose a high hazard to aquatic plants. The potential health hazard is moderate based on repeated-dose and reproductive toxicity. No data gaps identified.	Sep-07
99-71-8	Phenol, 4-(1-methylpropyl)-	X	Mod		
80-46-6	Phenol, 4-(1,1-dimethylpropyl)-	X	Mod		
72624-02-3	Phenol, heptyl derivs.	X	Mod		
140-66-9	Phenol, 4-(1,1,3,3-tetramethylbutyl)-	X	Mod		
1806-26-4	Phenol, 4-octyl-	X	Mod		
599-64-4	Phenol, 4-(1-methyl-1-phenylethyl)-	X	Mod		
84852-15-3	Phenol, 4-nonyl-, branched	X	Mod		
210555-94-5	Phenol, 4-dodecyl-, branched	X	Mod		

CAS Number	Category/Chemical Name	HPV MPV	Interim Hazard Characterization Decision	Additional Information/Work Requested	Date Posted
	***Di-* and *Tri*-Substituted Mixed Alkylphenols**				
732-26-3	Phenol, 2,4,6-tris(1,1-dimethylethyl)-	X	Mod	Not readily biodegradable, bioaccumulation potential expected to be high. The potential acute hazard to aquatic organisms is moderate to high. The potential health hazard is moderate based on repeated-dose and reproductive toxicity. No data gaps identified.	
17540-75-9	Phenol, 2,6-bis(1,1-dimethylethyl)-4-(1-methylpropyl)-	X	Mod		
2772-45-4	Phenol, 2,4-bis(1-methyl-1-phenylethyl)-	X	Mod		
2416-94-6	Phenol, 2,3,6-trimethyl-	X	Mod		
96-76-4	Phenol, 2,4-bis(1,1-dimethylethyl)-	X	Mod		
128-39-2	Phenol, 2,6-bis(1,1-dimethylethyl)-	X	Mod		
120-95-6	Phenol, 2,4-bis(1,1-dimethylpropyl)-	X	Mod		
563-80-4	2-Butanone, 3-methyl-	X	?/Low	Acute toxicity to fish and acute toxicity to aquatic invertebrates were identified as data gaps under the HPV Challenge Program. The potential health hazard of 3-methyl-2-butanone is low.	Dec-07
2778-42-9	Benzene, 1,3-bis(1-isocyanato-1-methylethyl)-	X	High	The potential health hazard is high based on repeated-dose toxicity. The potential acute hazard to fish is high and to aquatic invertebrates and aquatic plants is moderate.	Jun-08
622-96-8	Benzene, 1-ethyl-4-methyl-	X	Mod/?	Log Kow, ready biodegradation, acute toxicity to fish, acute toxicity to aquatic invertebrates and toxicity to aquatic plants were identified as data gaps under the HPV Challenge Program. The potential health hazard is moderate based on developmental toxicity.	Mar-08
99-08-1	Benzene, 1-methyl-3-nitro-	X	Mod	The potential aquatic toxicity is moderate for aquatic invertebrates. The potential health hazard is moderate based on repeated-dose and developmental toxicity.	Aug-07
35074-77-2	Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 1,6-hexanediyl ester	X	Mod	The potential health hazard is moderate based on repeated-dose toxicity. Gene mutation and chromosomal aberrations were identified as data gaps under the HPV Challenge Program.	Dec-07
6683-19-8	Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis[[3-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]methyl]-1,3-propanediyl ester	X	Mod	The potential health hazard of IRGANOX 1010 is moderate based on the results of the developmental toxicity. No data gaps identified.	Oct-07

CAS Number	Category/Chemical Name	HPV MPV	Interim Hazard Characterization Decision	Additional Information/Work Requested	Date Posted
41484-35-9	Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, thiodi-2,1-ethanediyl ester	X	High/?	IRGANOX 1035 is not readily biodegradable, indicating that it has the potential to persist in the environment. EPA recommends chronic aquatic toxicity testing. The potential health hazard is high based on the repeated-dose toxicity.	Dec-07
5419-55-6	Boric acid (H3BO3), tris(1-methylethyl) ester	X	Low/?	Low aquatic toxicity. The potential for human health hazards cannot be determined due to data gaps (repeated-dose, reproductive and developmental toxicity, and chromosomal aberrations tests).	Mar-08
92-15-9	Butanamide, N-(2-methoxyphenyl)-3-oxo-	X	Mod	The evaluation of available toxicity data for fish, aquatic invertebrates and aquatic plants indicates that the potential acute hazard to aquatic organisms is low. The potential health hazard is moderate based on repeated-dose toxicity. No data gaps identified.	Jun-08
105-08-8	1,4-Cyclohexanedimethanol	X	Low/Low	The evaluation of toxicity data for freshwater fish, aquatic invertebrates and aquatic plants indicates that the potential hazard to aquatic organisms is low. The potential health hazard is low based on repeated-dose and reproductive/developmental toxicity. Ready biodegradation data remain a data gap under the HPV Challenge Program.	Sep-07
65086-85-3	Carbamic acid, [(dimethylamino)iminomethyl] methyl-, ethyl ester, monohydrochloride	X	Low	The evaluation of available toxicity data for fish, aquatic invertebrates and aquatic plants indicates that the potential acute hazard to aquatic organisms is low. The potential health hazard is low. No data gaps.	Jun-08
2231-57-4	Carbonothioic dihydrazide	X	?	Data gaps for the biodegradation, acute toxicity to fish and aquatic invertebrates, toxicity to aquatic plants, repeated-dose, reproductive and developmental toxicity and chromosomal aberrations endpoints were identified under the HPV Challenge Program.	Jun-08
8007-24-7	Cashew, nutshell liq	X	High/Low	The toxicity data estimated by ECOSAR for fish, aquatic invertebrates and aquatic plants indicates the potential acute hazard of cashew nutshell liquid is high. The potential health hazard of cashew nutshell liquid is low.	Oct-09

Hazard Characterizations

CAS Number	Category/Chemical Name	HPV MPV	Interim Hazard Characterization Decision	Additional Information/Work Requested	Date Posted
1222-05-5	Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-	X	High/Mod	The evaluation of available toxicity data for fish, aquatic invertebrates and aquatic plants indicates that the potential acute hazard to aquatic organisms is high. The potential health hazard is moderate based on developmental toxicity. No data gaps.	Mar-08
68915-38-8	Cyclohexane, oxidized, aq. ext.	X	?	The following data gaps remain: aquatic plants, repeated-dose, chromosome aberrations and reproductive and developmental toxicity.	Jun-08
646-06-0	1,3-Dioxolane	X	Low/High	The evaluation of available toxicity data for fish, aquatic invertebrates and aquatic plants indicates that the potential acute hazard to aquatic organisms is low. The potential health hazard is high based on repeated-dose and reproductive and developmental toxicity. No data gaps.	Aug-07
306-83-2	Ethane, 2,2-dichloro-1,1,1-trifluoro-	X	High	The potential aquatic toxicity is low. The potential health hazard is high based on results for repeated-dose inhalation toxicity and systemic effects in the F0 animals in a 2-generation reproductive toxicity study. Potential for genotoxicity. No data gaps were identified.	Sep-07
74-86-2	Ethyne	X	Low	The evaluation of estimated aquatic toxicity indicates that the potential for acute hazard for acetylene is low. The potential health hazard is low. Data gaps for the reproductive and developmental toxicity are identified.	Jun-08
550-44-7	1H-Isoindole-1,3(2H)-dione, 2-methyl-	X	Low/Mod	The potential acute hazard to aquatic organisms is low. The potential health hazard is moderate based on repeated-dose, reproductive and developmental toxicity. No data gaps are identified.	Dec-07
61617-00-3	2H-Benzimidazole-2-thione, 1,3-dihydro-4(or 5)-methyl-, zinc salt (2:1)	X	Mod/High	The potential acute hazard to aquatic organisms is moderate. The potential health hazard is high based on reproductive and developmental toxicity. No data gaps are identified.	Mar-08
103-23-1	Hexanedioic acid, bis(2-ethylhexyl) ester	X	Low	SEE DIESTERS CATEGORY/ RBP	Sep-08
68515-75-3	Hexanedioic acid, di-C7-9-branched and linear alkyl esters	X	Low	SEE DIESTERS CATEGORY/ RBP	Sep-08

CAS Number	Category/Chemical Name	HPV MPV	Interim Hazard Characterization Decision	Additional Information/Work Requested	Date Posted
12108-13-3	Manganese, tricarbonyl[(1,2,3,4,5-.eta.)-1-methyl-2,4-cyclopentadien-1-yl]-	X	High	The potential hazard to aquatic organisms is high. The potential health hazard is high based on acute (inhalation), repeated-dose (inhalation) and developmental (oral) toxicity. Available data also suggest the potential for genotoxicity. Acute toxicity to fish and algae are identified as data gaps.	Dec-07
67-68-5	Methane, sulfinylbis-	X	Low/Mod	The potential acute hazard to aquatic organsims is low. The potential hazards to human health is moderate based on repeated-dose and reproductive/developmental toxicity. Available data suggests the potential for genotoxicity. No data gaps are identified.	Aug-07
	Monocyclic Aromatic Amines Category				
103-69-5	Benzenamine, N-ethyl-	X	Low/Mod	The acute hazard to fish is low; to aquatic invertebrates - low (N-ethylaniline) to moderate (N,N-diethylaniline); to aquatic plants - low (N-ethylaniline) to moderate (N,N-diethylaniline). The potential health hazard is moderate via the oral exposure route and high via the inhalation route based on repeated-dose and developmental toxicity. Supporting chemical to the category show evidence of carcinogenicity. No data gaps are identified.	Mar-08
91-66-7	Benzenamine, N,N-diethyl-	X	Mod		
99-97-8	Benzenamine, N,N,4-trimethyl-	X	Mod		
102-27-2	Benzenamine, N-ethyl-3-methyl-	X	Mod		
	Mononitriles Category				
88-74-4	Benzenamine, 2-nitro-	X	High	The potential hazard to aquatic organisms is low. The potential hazards to human health is high based on repeated-dose, reproductive and developmental toxcity. Available data suggests the potential for genotoxicity. No data gaps are identified.	Oct-07
100-01-6	Benzenamine, 4-nitro-	X	High		
2163-42-0	1,3-Propanediol, 2-methyl-	X	Low		Mar-08
563-47-3	1-Propene, 3-chloro-2-methyl-	X	?/Mod	The potential hazard to aquatic organisms could not be determined because adequate data were not submitted on the required endpoints. The potential health hazard is moderate based on reproductive and developmental toxicity. Available data suggest the substance is weakly genotoxic. The following data gaps are present: acute fish, aquatic invertebrate and aquatic plant.	Nov-07

CAS Number	Category/Chemical Name	HPV MPV	Interim Hazard Characterization Decision	Additional Information/Work Requested	Date Posted
75-65-0	2-Propanol, 2-methyl-	X	Low/Mod	The potential hazard to aquatic organisms is low. The potential health hazard is moderated based on repeated-dose and reproductive/developmental toxicity. No data gaps are identified.	Sep-07
66346-01-8	3-Pentanone, 1-(4-chlorophenyl)-4,4-dimethyl-	X	Mod/Low	The potential hazard to aquatic organisms is moderate. The potental health hazard is low.	Jun-08
63721-05-1	4-Pentenoic acid, 3,3-dimethyl-, methyl ester	X	?	The potential hazard to aquatic organisms could not be determined because data gaps are present for all three required endpoints. The potential health hazard cannot be determined as data gaps are present for developmental toxicity and chromosome aberrations. The following data gaps are present: log Kow, biodegradation, acute fish, aquatic invertebrate, aquatic plant, developmental toxicity and chromosome aberrations.	Jun-08
	Phenolic Benzotriazoles Category				
25973-55-1	Phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylpropyl)-	X	Mod	The potential hazard to aquatic organisms is moderate. The potential health hazard is moderate based on repeated-dose toxicity. Other available data indicate the potential exist for reproductive toxicity. No data gaps are identified.	Sep-07
2440-22-4	Phenol, 2-(2H-benzotriazol-2-yl)-4-methyl-	X	Mod		
3147-75-9	Phenol, 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)-	X	Mod		
70321-86-7	Phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)-	X	Mod		
2781-11-5_	Phosphonic acid, [[bis(2-hydroxyethyl)amino]methyl]-, diethyl ester	X	Low	The potential hazard to aquatic organisms is low. The potential health hazard is low. No data gaps are identified.	Oct-07

CAS Number	Category/Chemical Name	HPV MPV	Interim Hazard Characterization Decision	Additional Information/Work Requested	Date Posted
	Phosphoric Acid Derivatives Category				
	Sub-Category I				
78-42-2	Phosphoric acid, tris(2-ethylhexyl) ester	X	Low/?	The potential hazard to aquatic organisms is expected to be low. The reproductive and developmental toxicity endpoints remain as data gaps.	
	Sub-Category II				
298-07-7	Phosphoric acid, bis(2-ethylhexyl) ester	X	Low/?	The potential hazard to aquatic organisms is expected to be low. The chromosome aberrations, repeated-dose and reproductive and developmental toxicity endpoints remain as data gaps.	Jun-08
12645-31-7	Phosphoric acid, 2-ethylhexyl ester	X	Low/?		
	Sub-Category III				
126-71-6	Triisobutyl phosphate	X	Mod	The potential hazard to fish is low. The potential hazard to aquatic invertebrate and aquatic plants is moderate. The potential human health hazard is moderate based on repeated-dose toxicity. No data gaps are identified.	
111-97-7	Propanenitrile, 3,3'-thiobis-	X	Low	The potential hazard to aquatic organisms is low. The potential human health hazard is low. Developmental toxicity is considered a data gap.	Jan-08
68227-46-3	Propanoic acid, 2-hydroxy-, compd. with 2-ethylhexyl [[3-[[2-(dimethylamino)ethoxy]carbonyl]amino]-4-methylphenyl]carbamate (1:1)	X	High	The potential hazard to acute invertebrates and fish is moderate and is high for aquatic plants (acute and chronic). The potential human health hazard is high based on repeated-dose toxicity and reproductive/developmental toxicity. No data gaps are identified.	Mar-08
29598-76-3	Propanoic acid, 3-(dodecylthio)-, 2,2-bis[[3-(dodecylthio)-1-oxopropoxy]methyl]-1,3-propanediyl ester	X	Low/Mod	The potential hazard to aquatic organsims is low. The potential human health hazard is moderate based on repeated-dose toxicity. No data gaps are identified.	Sep-07

CAS Number	Category/Chemical Name	HPV	MPV	Interim Hazard Characterization Decision	Additional Information/Work Requested	Date Posted
	Substituted Diphenyl Amines Category					
184378-08-3	Benzenamine, N-phenyl reaction product with 2,4,4 trimethylpentene	X		?/Mod	Most of the data provided to address acute aquatic toxicity concerns were performed in the presence of solvents and with other deficiencies making it difficult to interpret. In general, the acute aquatic hazard potential is expected to be low. Existing data indicate that there is the potential of concern for chronic aquatic toxicity. Environmental fate and exposure data will need to be reviewed to determine if additional chronic aquatic toxicity testing is needed. The potential health hazard is moderate based on the repeated-dose and reproductive/developmental toxicity of two category members. No data gaps are identified, however, an overall prioritization decision was not made for the aquatic compartment based on the need to evaluate chronic aquatic toxicity which is considered a "conditional" endpoint.	Mar-08
10081-67-1	Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	X		?/Mod		
68442-68-2	Benzenamine, N-phenyl-, styrenated		X	?/Mod		
101-67-7	Benzenamine, 4-octyl-N-(4-octylphenyl)-	X		?/Mod		
122-39-4	Benzenamine, N-phenyl-	X		?/Mod		
68411-46-1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	X		?/Mod		
68921-45-9	Benzenamine, N-phenyl-, reaction products with styrene and 2,4,4-trimethylpentene	X		?/Mod		
36878-20-3	Benzenamine, ar-nonyl-N-(nonylphenyl)-	X		?/Mod		
68608-77-5	Benzenamine, 2-ethyl-N-(2-ethylphenyl)-, (tripropenyl) derivs.	X		?/Mod		
10081-67-1	benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	X		?/Mod		
142-22-3	2,5,8,10-Tetraoxatridec-12-enoic acid, 9-oxo-, 2-propenyl ester	X		High/Low	The potential acute toxicity to fish is high, to aquatic invertebrates is low and to aquatic plants is moderate. The potential health hazard is low. Available data suggest that the substance has the potential to be genotoxic. No data gaps are identified.	Dec-07
	Terpenoid Primary Alcohols and Related Esters Category					
106-24-1	2,6-Octadien-1-ol, 3,7-dimethyl-, (2E)-	X		Mod	The potential acute hazard to aquatic organisms is moderate. The potential health hazard is moderate based on repeated-dose, reproductive and developmental toxicity. No data gaps are identified.	Oct-07
106-22-9	6-Octen-1-ol, 3,7-dimethyl-	X		Mod		
106-25-2	2,6-Octadien-1-ol, 3,7-dimethyl-, (2Z)-	X		Mod		
68412-04-4	1,6-Octadiene, 7-methyl-3-methylene-, acetylated	X		Mod		

Hazard Characterizations

CAS Number	Category/Chemical Name	HPV MPV	Interim Hazard Characterization Decision	Additional Information/Work Requested	Date Posted
18760-44-6	Thiophene, 3-(decyloxy)tetrahydro-, 1,1-dioxide	X	Mod/Low	The potential acute hazard to aquatic organisms is moderate. The potential health hazard is low. No data gaps are identified.	Oct-07
66071-92-9	Sulfite liquors and Cooking liquors, spent	X	Low/High	The potential acute hazard to fish and aquatic invertebrates is low. Due to the dark color of the substance it has the potential to shade and pose a potential hazard to aquatic plants. The potential health hazard is its high corrositivity at the point of contact. No data gaps are identified.	Oct-07

Key: Decisions with a " / ", identify a variation in the prioritization decision between the aquatic compartment and human health. Aquatic compartment priority decision / human health priority decisions. When both decisions are the same, only one prioritization decision is presented.

Key: The presence of a "?" in the HC prioritization decision identifies the lack of a prioritization decision being presented by EPA. This is further elaborated upon in the additional information/work requested column. In many cases, data gaps are identified by EPA.

CAS Number	Category/Chemical Name	HPV	MPV	EPA RBP Decision	Additional Information/Work Requested	Date Posted
13893-53-3	2-Amino-2,3-dimethylbutanenitrile	X		Med	High acute toxicity, high acute fish toxicity and algae toxicity, moderate toxicity to aquatic invertebrates. Incomplete base set of data. Requests completion of data requirements along with collection of additional exposure information. Chromosome aberration and developmental toxicity data submitted were considered inadequate.	Sep-08
3618-72-2	Acetamide, N-[5-[bis[2-(acetyloxy)ethyl]amino]-2-[(2-bromo-4,6-dinitrophenyl)azo]-4-methoxyphenyl]-	X		Low		Jul-08
105-39-5	Acetic acid, chloro-, ethyl ester	X		Low		Mar-09
1847-58-1	Acetic acid, sulfo-, 1-dodecyl ester, sodium salt	X		Med	Exposure information concerning releases to water.	Mar-09
63133-74-4	Acetonitrile, [ethyl(3-methylphenyl)amino]-	X		Low		Sep-09
79-36-7	Acetyl chloride, dichloro-	X		Low		Mar-08
37853-59-1	1,1'-(1,2-Ethanediylbis(oxy))bis(2,4,6-tribromobenzene	X		Low		Mar-09
19248-13-6	1,2-Ethanediamine, N-ethyl-N-3-methylphenyl-	X		Low		Mar-09
109-09-1	2-chloropyridine	X		Med	Exposure information for: occupational, releases to the environment, clarify discrepancy between public submission of use information in HPV Challenge Program and 2006 IUR stating "Not Readily Obtainable," SIDS data on acute aquatic toxicity data on fish.	Mar-09
	Alkyl Acetate C6 - C13 Category					
108419-32-5	Acetic acid, C7-9-branched alkyl esters, C8-rich	X		Low		Mar-08
108419-33-6	Acetic acid, C8-10-branched alkyl esters, C9-rich	X		Low		
108419-34-7	Acetic acid, C9-11-branched alkyl esters, C10-rich	X		Low		
108419-35-8	Acetic acid, C11-14-branched alkyl esters, C13-rich	X		Med	Potential risk to aquatic organisms; exposure information related to environmental releases is requested.	
88230-35-7	Hexanol, acetate, branched and linear	X		Low		
90438-79-2	Acetic acid, C6-8-branched alkyl esters	X		Low		

CAS Number	Category/Chemical Name	HPV	MPV	EPA RBP Decision	Additional Information/Work Requested	Date Posted
	Alkyl Nitriles Category					
109-74-0	Butanenitrile	X		Low		Mar-09
107-12-0	Propanenitrile	X		Low		
78-82-0	Propanenitrile, 2-methyl-	X		Low		
	Aluminum Alkyls Category					
6651-25-8	Aluminum, tridocosyl-	X		Low		Jul-08
68908-97-4	Aluminum, tri-C2-20-alkyl complexes	X		Low		
12075-68-2	Aluminum, di-.mu.-chlorochlorotriethyldi-	X		Low		
6651-27-0	Aluminum, trioctacosyl-	X		Low		
1529-59-5	Aluminum, tridodecyl-	X		Low		
1779-25-5	Aluminum, chlorobis(2-methylpropyl)-	X		Low		
1116-70-7	Aluminum, tributyl-	X		Low		
1116-73-0	Aluminum, trihexyl-	X		Low		
1529-57-3	Aluminum, trieicosyl-	X		Low		
1070-00-4	Aluminum, trioctyl-	X		Low		
3041-23-4	Aluminum, trioctadecyl-	X		Low		
97-93-8	Aluminum, triethyl-	X		Low		
96-10-6	Aluminum, chlorodiethyl-	X		Low		
100-99-2	Aluminum, tris(2-methylpropyl)-	X		Low		
6651-26-9	Aluminum, tritetracosyl-	X		Low		
1529-58-4	Aluminum, tritetradecyl-	X		Low		
1726-65-4	Aluminum, trihexadecyl-	X		Low		
1726-66-5	Aluminum, tris(decyl)-	X		Low		
10449-71-5	Aluminum, trihexacosyl-	X		Low		
563-43-9	Aluminum, dichloroethyl-	X		Low		
68955-53-3	Amines, C12-14-tert-alkyl	X		Med	Exposure information regarding releases to the water compartment and other pertinent information regarding environmental releases. In addition, exposure data are needed relevant to human health exposures (occupational and consumer use.)	Aug-08
	Anethole and *trans* -Anethole				Exposure information regarding releases to the environment with emphasis on the water compartment.	Mar-09
104-46-1	Benzene, 1-methoxy-4-(1-propenyl)-	X		Med		
4180-23-8	Benzene, 1-methoxy-4-(1E)-1-propenyl-	X		Med		

CAS Number	Category/Chemical Name	HPV	MPV	EPA RBP Decision	Additional Information/Work Requested	Date Posted
105-76-0	2-Butenedioic acid (2Z)-, dibutyl ester	X		Med	Exposure information regarding releases to the environment with emphasis on the water compartment. Chronic aquatic toxicity data.	Sep-08
1563-38-8	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-	X		Low		Sep-08
101-80-4	Benzenamine, 4,4-oxybis-	X		Med	Exposure information related to worker exposure along with other pertinent information related to product stewardship and hazard/risk communication.	Mar-09
37853-59-1	Benzene, 1,1'-[1,2-ethanediylbis(oxy)]bis[2,4,6-tribromo-	X		Low		Mar-09
3748-13-8	Benzene, 1,3-bis(1-methylethenyl)-	X		Med	Exposure information regarding releases to the environment with emphasis on the water compartment.	Sep-08
140-67-0	Benzene, 1-methoxy-4-2-propenyl-	X		Med	Exposure information regarding releases to the environment with emphasis on water compartment; information concerning its prevalence in consumer soaps/detergents and other relevant exposure information.	Mar-09
32687-78-8	IRGANOX MD 1024	X		Low		Mar-09
1333-39-7	Benzenesulfonic acid, hydroxy-	X		Low		Mar-09
620-22-4	Benzonitrile, 3-methyl-	X		Low		Sep-08
105-45-3	Butanoic acid, 3-oxo-, methyl ester	X		Low		Aug-08
	C7-C9 Aliphatic Aldehydes and Carboxylic Acids Category					
124-19-6	Nonanal	X		Med	Exposure information regarding releases to the water compartment and other pertinent information regarding environmental releases.	Mar-09
124-13-0	Octanal	X		Med		
111-14-8	Heptanoic acid	X		Med		
111-71-7	Heptanal	X		Med		

CAS Number	Category/Chemical Name	HPV	MPV	EPA RBP Decision	Additional Information/Work Requested	Date Posted
	Carboxylic Food Acids and Salts					
64-19-7	Acetic acid	X		Low		Aug-08
68-04-2	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, trisodium salt	X		Low		
77-92-9	1,2,3-Propanetricarboxylic acid, 2-hydroxy-	X		Low		
110-17-8	2-Butenedioic acid (2E)-	X		Low		
127-08-2	Acetic acid, potassium salt	X		Low		
62-54-4	Acetic acid, calcium salt	X		Low		
638-38-0	Acetic acid, manganese(2+) salt	X		Low		
994-36-5	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, sodium salt	X		Low		
866-84-2	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, tripotassium salt	X		Low		
142-72-3	Acetic acid, magnesium salt	X		Low		
6915-15-7	Butanedioic acid, hydroxy-	X		Low		
127-09-3	Acetic acid, sodium salt	X		Low		
631-61-8	Acetic acid, ammonium salt	X		Low		
	Chlorobenzenes					
87-61-6	Benzene, 1,2,3-trichloro-	X		Low	Exposure information (workers, consumers, children, and general population) should be provided to confirm or refute the high potential risk from CASRN 541-73-1.	Mar-09
95-50-1	Benzene, 1,2-dichloro-	X		Low		
541-73-1	Benzene, 1,3-dichloro-	X		High		
108-90-7	Benzene, chloro-	X		Low		
	Cinamyl Derivatives Category					
104-55-2	2-Propenal, 3-phenyl-	X		Med	Exposure information regarding worker and consumer exposure along with potential releases to water.	Mar-09
101-86-0	Octanal, 2-(phenylmethylene)-	X		Med		
80-54-6	Benzenepropanal, 4-(1,1-dimethylethyl)-.alpha.-methyl-	X		Med		
122-40-7	Heptanal, 2-(phenylmethylene)-		X	Med	Exposure information regarding releases to the water compartment and other pertinent information regarding environmental releases.	

CAS Number	Category/Chemical Name	HPV	MPV	EPA RBP Decision	Additional Information/Work Requested	Date Posted
3194-55-6	Cyclododecane, 1,2,5,6,9,10-hexabromo-	X		High	Exposure information regarding occupational, consumer, and children. In addition, data relevant to releases, presence, and bioaccumulation in the environment. Data are to be evaluated and/or collected in the IRIS and NHANES to determine if additional testing may be necessary or if the substance should be a candidate for the VCCEP.	Mar-08
100-64-1	Cyclohexanone, oxime	X		Low		Sep-08
61898-95-1	Cyclopropanecarboxylic acid, 3-(2,2-dichloroethenyl)-2,2-dimethyl-, methyl ester	X		Low		Sep-08
108-32-7	1,3-Dioxolan-2-one, 4-methyl-	X		Low		Mar-09
126-86-3	5-Decyne-4,7-diol, 2,4,7,9-tetramethyl-	X		Low		Sep-08
	Dibasic esters Category					Mar-08
95481-62-2	dibasic ester	X		Low		
627-93-0	Hexanedioic acid, dimethyl ester	X		Low		
106-65-0	Butanedioic acid, dimethyl ester	X		Low		
1119-40-0	Pentanedioic acid, dimethyl ester	X		Low		
	Dicarboxylic acid Category					Mar-08
110-15-6	Butanedioic acid	X		Low		
110-94-1	Pentanedioic acid	X		Low		
124-04-9	Hexanedioic acid	X		Low		
	Diesters Category					Sep-08
6938-94-9	Hexanedioic acid, bis(1-methylethyl) ester	X		Mod/ Low		
105-52-2	2-Butenedioic acid (2Z)-, bis(1,3-dimethylbutyl) ester	X		Mod/ Low	Potential acute hazard to fish is moderate for maleic acid esters and C12 adipic acid and sebacic acid esters (based on C14 supporting chemical data), and low for esters above C20 (due to low water solubilty). Potential acute hazard of the diester category members is low to aquatic invertebrates and moderate to aquatic plants in the C12 to C20 ranges and low above C20. Potential chronic aquatic toxicity hazard of the diester category members at and above C22 is low, based on supporting chemical data. EPA concludes low toxicity for all substances in regards to mammalian	
33703-08-1	Hexanedioic acid, diisononyl ester	X		Low		
28472-97-1	Nonanedioic acid, diisodecyl ester	X		Low		
108-63-4	Hexanedioic acid, bis(1-methylheptyl) ester	X		Low		
1330-86-5	Hexanedioic acid, diisooctyl ester	X		Low		
142-16-5	2-Butenedioic acid (2Z)-, bis(2-ethylhexyl) ester	X		Mod/ Low		

CAS Number	Category/Chemical Name	HPV	MPV	EPA RBP Decision	Additional Information/Work Requested	Date Posted
16958-92-2	Hexanedioic acid, ditridecyl ester	X		Low	toxicity with following exceptions: supporting substance maleic acid, dibutyl ester is a strong sensitizer; and IARC has classified the supporting chemical, adipic acid, bis (2-ethylhexyl) ester, into Group 3 (substances not classifiable as to its carcinogenicity to humans). MP, VP and WS are identified as data gaps for several of the substances along with chronic aquatic toxicity of maleic acid, bis(1.3-dimethyl butyl) ester.	
106-79-6	Decanedioic acid, dimethyl ester	X		Mod/ Low		
27178-16-1	Hexanedioic acid, diisodecyl ester	X		Low		
103-24-2	Nonanedioic acid, bis(2-ethylhexyl) ester	X		Low		
122-62-3	Decanedioic acid, bis(2-ethylhexyl) ester	X		Low		
	Diethylbenzene Rich Streams Category					Mar-09
25340-17-4	Benzene, diethyl-	X		Med	Exposure information regarding releases to the water compartment along with occupational and consumer use information.	
68608-82-2	Benzene, ethylenated, by-products from	X		Med		
19248-13-6	1,2-Ethanediamine, N-ethyl-N-(3-methylphenyl)-	X		Low		Mar-09
110-71-4	Ethane, 1,2-dimethoxy-	X		High	Repeated dose studies on a structural analog indicate high concern. Provide releases on monoglyme to the environment; worker exposures to monoglyme; potential exposures to monoglyme to consumers with special emphasis on children.	Mar-08
111-96-6	Ethane,1-1'-oxybis[2-methoxy-	X		High	Available data indicate high concern for repeated-dose and developmental toxicity with the potential to cause reproductive toxicity. Provide releases on diglyme to the environment; worker exposures to diglyme; potential exposures to diglyme to consumers with special emphasis on children.	Mar-08
929-06-6	Ethanol, 2-(2-aminoethoxy)-	X		High	Outstanding sponsorship commitment. EPA is proposing to initiate rulemaking under TSCA Section 4; consider proposals by initiating ECAs within three months provided that all data elements are addressed; review available public literature.	Mar-09

CAS Number	Category/Chemical Name	HPV	MPV	EPA RBP Decision	Additional Information/Work Requested	Date Posted
	Ethylphenols Category					Sep-08
620-17-7	Phenol, 3-ethyl-	X		Low		
123-07-9	Phenol, 4-ethyl-	X		Low		
90-00-6	Phenol, 2-ethyl-	X		Low		
25429-37-2	Ethylphenol isomer mixture	X		Low		
	Fatty Acids Dimers and Trimer Category					Mar-09
61788-89-4	Fatty acids, C18-unsatd., dimers	X		Low		
71808-39-4	Fatty acids, C16-18 and C18-unsatd., dimerized	X		Low		
68783-41-5	Fatty acids, C18-unsatd., dimers, hydrogenated	X		Low		
68937-90-6	Fatty acids, C18-unsatd., trimers	X		Low		
	Fatty Nitrogen Derived Cationics Category					Mar-09
112-00-5	1-Dodecanaminium, N,N,N-trimethyl-, chloride	X		Med	Exposure information regarding releases to the water compartment along with occupational, consumer, and use information. REDs for two of the supporting chemicals have addressed similar aquatic and human health hazards.	
112-02-7	1-Hexadecanaminium, N,N,N-trimethyl-, chloride	X		Med		
61789-80-8	Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, chlorides	X		Med		
67784-77-4	Quaternary ammonium compounds, bis(hydroxyethyl)methyltallow alkyl, chlorides	X		Med		
68002-59-5	Quaternary ammonium compounds, di-C14-18-alkyldimethyl, chlorides	X		Med		
68783-78-8	Quaternary ammonium compounds, dimethylditallow alkyl, chlorides	X		Med		
68607-29-4	Quaternary ammonium compounds, pentamethyltallow alkyltrimethylenedi-, dichlorides	X		Med		

CAS Number	Category/Chemical Name	HPV	MPV	EPA RBP Decision	Additional Information/Work Requested	Date Posted
68391-05-9	Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides	X		Med		
61789-81-9	Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, Me sulfates	X		Med		
61789-77-3	Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides	X		Med		
112-03-8	1-Octadecanaminium, N,N,N-trimethyl-, chloride	X		Med		
68002-58-4	Quaternary ammonium compounds, di-C14-18-alkyldimethyl, Me sulfates	X		Med		
8030-78-2	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	X		Med		
123-39-7	Methylformamide	X		Low		Mar-09
102-06-7	1,3-Diphenylguanidine	X		Med	Exposure information regarding releases to the water compartment along with occupational, consumer (with emphasis on pregnant women), and use information.	Mar-09
288-88-0	1H-1,2,4-Triazole	X		High	Outstanding sponsorship commitment. EPA is proposing to initiate rulemaking under TSCA Section 4; consider proposals by initiating ECAs within three months provided that all data elements are addressed; review available public literature.	Mar-09
118-48-9	2H-3,1-Benzoxazine-2,4(1H)-dione	X		High	Outstanding sponsorship commitment. EPA is proposing to initiate rulemaking under TSCA Section 4; consider proposals by initiating ECAs within three months provided that all data elements are addressed; review available public literature.	Mar-09
103-23-1	Hexanedioic acid, bis(2-ethylhexyl) ester	X		Low	SEE DIESTERS CATEGORY (C22)	Sep-08
68515-75-3	Hexanedioic acid, di-C7-9-branched and linear alkyl esters	X		Low	Please refer to the DIESTERS CATEGORY	Sep-08
64667-33-0	Hexanoic acid, 4,6,6,6-tetrachloro-3,3-dimethyl-, methyl ester	X		Low		Sep-08

CAS Number	Category/Chemical Name	HPV	MPV	EPA RBP Decision	Additional Information/Work Requested	Date Posted
	Linear Alkyl Diacids Cluster					Mar-09
3385-41-9	Hexanedioic acid, ammonium salt (1:2)		X	Low		
141-82-2	Propanedioic acid		X	Low		
1852-04-6	Undecanedioic acid		X	Low		
68937-70-2	Carboxylic acids, C6-18 and C8-15-di-	X		Low		
68937-72-4	Carboxylic acids, di-, C4-11	X		Low		
123-99-9	Nonanedioic acid	X		Low		
68603-87-2	Carboxylic acids, di-, C4-6		X	Low		
111-20-6	Decanedioic acid	X		Low		
18621-94-8	Hexanedioic acid, lithium salt (1:2)		X	Low		
7439-97-6	Mercury	X		High	High Priority Special Concern: releases of elemental mercury to the environment during manufacturing, processing, distribution in commerce, and disposal processes from breakage of mercury-containing products; domestic manufacturers engaged in the manufacture (including import into the United States) of elemental mercury and certain mercury-containing products; international manufacturers engaged in the manufacture (including export to the United States) of elemental mercury and certain mercury-containing products; identification of end users of the mercury containing products; the number of certain mercury-containing products manufactured (including import) by domestic manufacturers; amounts of elemental mercury currently consumed in the manufacture of certain mercury-containing products; worker exposures; consumers and children's products; and other information pertinent to potential exposures to elemental mercury. EPA is considering the following actions listed below. A TSCA Section 5(a)(2) significant new use rule for mercury used in natural gas,	Oct-08

CAS Number	Category/Chemical Name	HPV	MPV	EPA RBP Decision	Additional Information/Work Requested	Date Posted
					manometers, pyrometers, and flow meters, products for which available information indicates that manufacture and import have ceased; an action (or combination of actions) under TSCA Section 6(a) for mercury used in products for which available information indicates that effective and economically feasible alternatives exist, including switches, relays, flame sensors, button cell batteries, manometers (other than natural gas manometers), barometers, and psychrometers/hygrometers. As appropriate, such an action(s) would involve a group(s) of these products. Continuing collaborative efforts to address the phasing out the use of mercury-containing non-fever thermometers; and continuing to gather information on certain mercury-containing toys, jewelry, and novelty items.	
74-97-5	Methane, bromochloro-	X		High	Outstanding sponsorship commitment. EPA is proposing to initiate rulemaking under TSCA Section 4; consider proposals by initiating ECAs within three months provided that all data elements are addressed; review available public literature.	Mar-09
115-10-6	Methane, oxybis-	X		Low		Mar-09
75-75-2	Methanesulfonic acid	X		Low		Jul-08
13752-51-7	Morpholine, 4-[(4-morpholinylthio)thioxomethyl]-	X		Mod	To understand further the medium potential risk to aquatic organisms, EPA is requesting additional information of releases to the environment with emphasis on the water compartment.	Mar-09
	Neoacids C5 - C28 Category					
26896-20-8	Neodecanoic acid	X		Low		Mar-09
68938-07-8	Fatty acids, C9-13-neo-	X		Low		
72480-45-6	Fatty acids, C9-28-neo-	X		Low		
598-98-1	Propanoic acid, 2,2-dimethyl-, methyl ester	X		Low		
95823-36-2	Carboxylic acids, C6-8-neo-	X		Low		
75-98-9	Propanoic acid, 2,2-dimethyl-	X		Low		
	n-Butyric Acid/Anhydride Category					Mar-09
107-92-6	Butanoic acid	X		Low		
106-31-0	Butanoic acid, anhydride	X		Low		

CAS Number	Category/Chemical Name	HPV	MPV	EPA RBP Decision	Additional Information/Work Requested	Date Posted
2426-08-6_	Oxirane, (butoxymethyl)-	X		Low		Jul-08
108-11-2	2-Pentanol, 4-methyl-	X		Low		Jul-08
107-18-6	2-Propen-1-ol	X		Low		Aug-08
	Petroleum Additive Alkaryl Sulfonate Category					Aug-08
68608-26-4	Sulfonic acids, petroleum, sodium salts	X		Low		
115733-09-0	Benzenesulfonic acid, C14-24-branched and linear alkyl derivs., calcium salts	X		Low		
71549-79-6	Benzenesulfonic acid, mono-C15-30-branched alkyl and di-C11-13-branched and linear alkyl derivs.	X		Low		
71786-47-5	Benzenesulfonic acid, mono- and dialkyl derivs., magnesium salts	X		Low		
78330-12-8	Benzenesulfonic acid, mono- and di-C15-30-alkyl derivs., sodium salts	X		Low		
71486-79-8	Benzenesulfonic acid, mono-C15-30-branched alkyl and di-C11-13-branched and linear alkyl derivs., calcium salts, overbased	X		Low		
115733-10-3	Benzenesulfonic acid, C14-24-branched and linear alkyl derivs., calcium salts, overbased	X		Low		
115829-36-2	Benzenesulfonic acid, C14-24-branched and linear alkyl derivs.	X		Low		
61789-86-4	Sulfonic acids, petroleum, calcium salts	X		Low		
68783-96-0	Sulfonic acids, petroleum, calcium salts, overbased	X		Low		
61790-48-5	Sulfonic acids, petroleum, barium salts	X		Low		
70024-69-0	Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	X		Low		
527-60-6	Phenol, 2,4,6-trimethyl-	X		Low		Jul-08
31570-04-4	Phenol, 2,4-bis(1,1-dimethylethyl)-, phosphite (3:1)	X		Low		Mar-09

CAS Number	Category/Chemical Name	HPV	MPV	EPA RBP Decision	Additional Information/Work Requested	Date Posted
3757-76-4	Phenol, 2,4-dichloro-, sodium salt	X		Med	Information concerning releases to the environment with emphasis on the water compartment. Other information pertinent to environmental exposures to this chemical.	Mar-09
4790-71-0	Phenol, 2-[(2-methyl-2-propenyl)oxy]; Methyallyloxyphenol	X		Low		Sep-08
23500-79-0	Phenol, 3-(chloromethyl)-6-(1,1-dimethylethyl)-2,4-dimethyl-	X		Low		Sep-08
50594-77-9	Phenol, 3-[2-chloro-4-(trifluoromethyl)phenoxy]-, acetate	X		Low		Mar-09
220352-35-2	Phenol, tert-Bu derivs., phosphates (3:1)	X		Med	In order to evaluate the medium to high concern for potential risk to aquatic plants and invertebrates, data on exposure information should be provided with emphasis on releases to the water compartment.	Jul-08
1809-19-4	Phosphonic acid, dibutyl ester	X		High	Outstanding sponsorship commitment. EPA is proposing to initiate rulemaking under TSCA Section 4; consider proposals by initiating ECAs within three months provided that all data elements are addressed; review available public literature.	Mar-09
50-21-5	Propanoic acid, 2-hydroxy-	X		Low		Aug-08
4131-74-2	Propanoic acid, 3,3'-thiobis-, dimethyl ester	X		Low		Mar-09
109-09-1	Pyridine, 2-chloro-	X		Med	In order to evaluate further the medium potential risks to workers, the general population, and the environment, EPA is requesting exposure information be provided on the above areas with special emphasis on releases to the water compartment. EPA is requesting that the exposure data discrepancy be corrected between the HPV submission and the 2006 IUR. EPA also identifies the following data gaps and is requesting that data be provided for the acute fish, aquatic invertebrate, and aquatic plant endpoints.	Mar-09
61789-72-8	Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, chlorides	X		High	Outstanding sponsorship commitment. EPA is proposing to initiate rulemaking under TSCA Section 4; consider proposals by initiating ECAs within three months provided that all data elements are addressed; review available public literature.	Mar-09

CAS Number	Category/Chemical Name	HPV	MPV	EPA RBP Decision	Additional Information/Work Requested	Date Posted
68424-85-1	Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	X		High	Outstanding sponsorship commitment. EPA is proposing to initiate rulemaking under TSCA Section 4; consider proposals by initiating ECAs within three months provided that all data elements are addressed; review available public literature.	Mar-09
61789-73-9	Quaternary ammonium compounds, benzylbis(hydrogenated tallow alkyl)methyl, chlorides	X		High	Outstanding sponsorship commitment. EPA is proposing to initiate rulemaking under TSCA Section 4; consider proposals by initiating ECAs within three months provided that all data elements are addressed; review available public literature.	Mar-09
	Rosin Adducts and Adducts Salt Category					Sep-08
68554-16-5	Rosin, fumarated maleated	X		Low		
8050-28-0	Rosin, maleated	X		Low		
68201-59-2	Resin acids and Rosin acids, fumarated, sodium salts	X		Low		
68649-83-2	Resin acids and Rosin acids, fumarated, potassium salts	X		Low		
85409-27-4	maleated rosin potassium salt	X		Low		
65997-04-8	Rosin, fumarated	X		Low		
	Rosin Esters Category					Sep-08
8050-26-8	Resin acids and Rosin acids, esters with pentaerythritol	X		Low		
65997-13-9	Resin acids and Rosin acids, hydrogenated, esters with glycerol	X		Low		
68186-14-1	Resin acids and Rosin acids, Me esters	X		Low		
8050-31-5	Resin acids and Rosin acids, esters with glycerol	X		Low		
8050-15-5	Resin acids and Rosin acids, hydrogenated, Me esters	X		Low		
64365-17-9	Resin acids and Rosin acids, hydrogenated, esters with pentaerythritol	X		Low		
68153-38-8	Resin acids and Rosin acids, esters with diethylene glycol		X	Low		
	Rosins and Rosin Salts Category					Sep-08
65997-06-0	Rosin, hydrogenated	X		Low		
68425-08-1	Rosin, distn. overheads	X		Low		

CAS Number	Category/Chemical Name	HPV	MPV	EPA RBP Decision	Additional Information/Work Requested	Date Posted
61790-51-0	Resin acids and Rosin acids, sodium salts	X		Low		
8050-09-7_	Rosin	X		Low		
68783-82-4	Rosin, low-boiling fraction	X		Low		
61790-50-9	Resin acids and Rosin acids, potassium salts	X		Low		
110-88-3	1,3,5-Trioxane	X		Med	In order to evaluate the high concern for potential risk for inhalation exposures to the general population and workers, EPA is requesting that relevant exposure data pertinent to releases to air be provided. Any exposure information on release in the work environment would be helpful. EPA will then determine if additional route-specific toxicity testing is warranted.	Sep-08
	Tall Oil Fatty Acids and Related Substances					Sep-08
65997-03-7	Fatty acids, tall-oil, low-boiling	X		Low		
68201-37-6	Octadecanoic acid, branched and linear		X	Low		
61790-45-2	Fatty acids, tall-oil, sodium salts	X		Low		
61790-12-3	Fatty acids, tall-oil	X		Low		
61790-44-1	Fatty acids, tall-oil, potassium salts	X		Low		
68955-98-6	Fatty acids, C16-18 and C18-unsatd., branched and linear	X		Low		
	Tall Oil and Related Substances					Sep-08
65997-01-5	Tall oil, sodium salt	X		Low		
8016-81-7	Tall-oil pitch	X		Low		
8002-26-4	Tall oil	X		Low		
68527-29-7	Tall oil, disproportionated, potassium salt	X		Low		
68647-71-2	Tall oil, potassium salt		X	Low		
68152-92-1	Tall oil, disproportionated	X		Low		
68140-16-9	Tall-oil pitch, sodium salt	X		Low		
65997-02-6	Wastewater, tall-oil soap acidulation	X		Low		
101-20-2	Urea, N-(4-chlorophenyl)-N'-(3,4-dichlorophenyl)-	X		High	Exposure information regarding releases to the environment with emphasis on the water compartment and needed to refute the high concern for toxicity to aquatic organisms. Based on data submitted, EPA will determine further action as needed.	Mar-09

CAS Number	Category/Chemical Name	HPV	MPV	EPA RBP Decision	Additional Information/Work Requested	Date Posted
	ZDDP Category					
84605-29-8	Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts	X		Med	In order to evaluate further the medium concern for potential risk to fish, the general population, workers, and consumers, EPA is requesting exposure information regarding releases to the environment with emphasis on the water compartment. In addition, EPA is requesting information concerning the extent and rate of dissociation under environmental conditions and additional information concerning the use of the chemicals in consumer and commercial products.	Sep-08
54261-67-5	Zinc, bis[O,O-bis(dodecylphenyl) phosphorodithioato-.kappa.S,.kappa.S']-	X		Med		
28629-66-5	Zinc, bis(O,O-diisooctyl phosphorodithioato-.kappa.S,.kappa.S')-	X		Med		
25103-54-2	Zinc, bis(O,O-diisodecyl phosphorodithioato-.kappa.S,.kappa.S')-	X		Med		
11059-65-7	Zinc, bis[O,O-bis(tetrapropylenephenyl) phosphorodithioato-.kappa.S,.kappa.S']-	X		Med		
4259-15-8	Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-.kappa.S,.kappa.S']-, (T-4)-	X		Med		
113706-15-3	Phosphorodithioic acid, mixed O,O-bis(sec-Bu and isooctyl) esters, zinc salts	X		Med		
68457-79-4	Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts	X		Med		
68784-31-6	Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts	X		Med		
26566-95-0	Zinc, bis[O-(2-ethylhexyl) O-(2-methylpropyl) phosphorodithioato-.kappa.S,.kappa.S']-, (T-4)-	X		Med		
68988-46-5	Phosphorodithioic acid, mixed O,O-bis(iso-Bu and isooctyl and pentyl) esters, zinc salts	X		Med		

CAS Number	Category/Chemical Name	HPV	MPV	EPA RBP Decision	Additional Information/Work Requested	Date Posted
2215-35-2	Zinc, bis[O,O-bis(1,3-dimethylbutyl) phosphorodithioato-.kappa.S,.kappa.S']-, (T-4)-	X		Med		

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CAS Number	Category/Chemical Name	HPV	MPV	EPA HPB Decision	Additional Information/Work Requested	Date posted
	Alkyl Esters of Unsaturated Alcohols Cluster					
142-19-8	Heptanoic acid, 2-propenyl ester		X	High		
141-12-8	2,6-Octadien-1-ol, 3,7-dimethyl-, acetate, Z-		X	High	Collection of additional exposure information to determine if additional testing is needed. Repeated-dose, reproductive and developmental testing are being considered along with acute and chronic aquatic toxicity for substances in which the log Kow is <8.	
1191-16-8	2-Buten-1-ol, 3-methyl-, acetate		X	High		
3681-71-8	3-Hexen-1-ol, acetate, Z-		X	High		
3681-73-0	Hexadecanoic acid, 2E-3,7-dimethyl-2,6-octadien-1-yl ester		X	High		Oct-08
	Alkyl Esters of Unsaturated Fatty Acids Cluster					
111-59-1	9-Octadecenoic acid Z-, propyl ester		X	Low		
111-62-6	9-Octadecenoic acid Z-, ethyl ester		X	Low		
544-35-4	9,12-Octadecadienoic acid Z,Z-, ethyl ester		X	Low		
1120-34-9	13-Docosenoic acid, methyl ester, Z-		X	Low		
32953-65-4	9-Octadecenoic acid Z-, octyl ester		X	Low		
36078-10-1	9-Octadecenoic acid Z-, dodecyl ester		X	Low		
68412-06-6	9-Octadecenoic acid Z-, C12-15-alkyl esters		X	Low		Oct-08
	Alkyl Ureas Category					
625-52-5	Urea, ethyl-		X	High	Potential ecotoxicity and human health hazard concerns. No data are available for the reproductive endpoint. Should be referred to the ITC for additional human health hazard testing and collection of additional exposure information. EPA should evaluate whether controls (restrictions) similar to those implemented in the New Chemicals Program should be considered.	
1187-03-7	Urea, tetraethyl-		X	High		
4559-86-8	Urea, tetrabutyl-		X	High		
31506-43-1	Urea, [3-dimethylaminopropyl]-		X	High		
52338-87-1	Urea, N,N-bis[3-dimethylaminopropyl]-		X	High		Oct-08
	Alkylphenols Cluster					
233587-36-5	Phenol, 2or 4-sec-tetracosyl-		X	Med	Exposure information on substances with a log Kow of <6 which includes: use, frequency of releases to water, and resultant exposures. Exposure information to assess human health concerns for CASRN	
234446-37-8	Phenol, 2or 4-sec-hexacosyl-		X	Med		
234446-38-9	Phenol, 2or 4-sec-octacosyl-		X	Med		

CAS Number	Category/Chemical Name	HPV	MPV	EPA HPB Decision	Additional Information/Work Requested	Date posted
234446-39-0	Phenol, 2or 4-sec-triacontyl-		X	Med	91672-41-2, which has a vapor pressure above 1.3 × 10-6 hPa. EPA recommended to evaluate the cluster members against the concerns expressed in the SNUR proposed under TSCA Section 5(a)(2) for a cluster member (134701-20-5), and consider whether comparable (or other) actions may be needed for additional cluster members.	
134701-20-5	Phenol, 2,4-dimethyl-6-1-methylpentadecyl-		X	Med		
91672-41-2	Phenol, 2-nonyl-, branched		X	Med		Oct-08
	Alpha Hydroxy Internal Alkynes Cluster					
78-66-0	4-Octyne-3,6-diol, 3,6-dimethyl-		X	Med	Exposure information concerning releases to water. Moderate acute and chronic aquatic toxicity for CASRN 68227-33-8.	
142-30-3	3-Hexyne-2,5-diol, 2,5-dimethyl-	X		Med		
68227-33-8	6-Dodecyne-5,8-diol, 2,5,8,11-tetramethyl-		X	Med		Mar-09
	Alpha Hydroxy Terminal Alkynes Cluster					
5877-42-9	1-Octyn-3-ol, 4-ethyl-		X	Med	Exposure information concerning releases to water and related to human health. Moderate acute and chronic aquatic toxicty, irritating to the eyes, high acute dermal toxicity, moderate acute oral toxicity, moderate oral repeated dose, no reproductive toxicity.	
77-75-8	1-Pentyn-3-ol, 3-methyl-		X	Med		
107-54-0	1-Hexyn-3-ol, 3,5-dimethyl-		X	Med		Mar-09
122-97-4	Benzenepropanol		X	High	Exposure information regarding releases to the water compartment and other pertinent information regarding environmental releases. In addition, exposure data are needed relevant to human health exposures (occupational and consumer use.) Determine if additional testing is needed for human health (inhalation route and reproductive toxicity) and chronic aquatic toxicity.	Sep-08
	Branched Alkyl Amines Cluster					
2738-06-9_	2-Butanamine, N-ethyl-3-methyl-		X	High	Potential concern for ecotoxicity and human health effects. Exposure information regarding releases to the water compartment and other pertinent information regarding environmental releases. In addition exposure data are needed relevant to human health exposures (occupational and consumer use). EPA recommended to evaluate the cluster members in association with the New Chemicals Program to consider regulatory actions (or other) may be needed.	
106-20-7	1-Hexanamine, 2-ethyl-N-(2-ethylhexyl)-		X	High		
27094-65-1	1-Butanamine, 2-methyl-N-2-methylbutyl-		X	High		
61361-18-0	1-Pentanamine, N-2-methylbutyl-		X	High		
68513-50-8	1-Tridecanamine, N-tridecyl-, branched		X	High		

CAS Number	Category/Chemical Name	HPV	MPV	EPA HPB Decision	Additional Information/Work Requested	Date posted
121255-03-6	1,5-Pentanediamine, 2-methyl-N,N'-bis(1-methylethyl)-		X	High		Sep-08
	Butenedionic Acid Dialkyl Esters Cluster					
621-13-6	2-Butenedioic acid (2Z)-, dicyclohexyl ester	X		High		
141-02-6	2-Butenedioic acid (E)-, bis(2-ethylhexyl) ester		X	High		
2915-52-8	2-Butenedioic acid (Z)-, didodecyl ester		X	High		
53817-54-2	2-Butenedioic acid (Z)-, diisononyl ester		X	High	Exposure information regarding releases to the water compartment and other pertinent information regarding environmental releases. In addition exposure data are needed relevant to human health exposures (occupational and consumer use.)	
141-05-9	2-Butenedioic acid (2Z)-, 1,4-diethyl ester		X	High		
624-48-6	2-Butenedioic acid (2Z)-, 1,4-dimethyl ester		X	High		
68921-51-7	2-Butenedioic acid (E)-, di-C12-18-alkyl esters	X		High		
686140-90-2	2-Butenedioic acid (2E)-, di-C8-18-alkyl esters	X		High		
14234-82-3	2-Butenedioic acid (Z)-, bis(2-methylpropyl) ester		X	High		
61791-92-2	2-Butenedioic acid (Z)-, ditridecyl ester		X	High		Mar-09
	Chloroaniles Cluster					
106-47-8	Benzenamine, 4-chloro-		X	Med	Determine if additional exposure information is needed. Determine if additional toxicity testing is needed.	
95-74-9	Benzenamine, 3-chloro-4-methyl-		X	Med		
95-79-4	Benzenamine, 5-chloro-2-methyl-		X	Med		Sep-08
	n-Alkyl Aldehydes Cluster					
112-31-2	Decanal		X	Med	Determine if additional exposure information is necessary by reviewing data submitted under TSCA Section 8(a); determine if additional toxicity data are needed; confirm toxicity from repeated-dose studies for cluster members; consideration of EPA's New Chemicals Program category on aldehydes may be useful.	
66-25-1	Hexanal		X	Med		
112-44-7	Undecanal		X	Med		
112-54-9	Dodecanal		X	Med		Mar-09

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	n-Alkyl Carboxylic Acids					
112-05-0	Nonanoic acid	X		High	Outstanding basic data requirements exists for the HPV chemicals in this category. Additional information on exposure would assist in performing a more complete health assessment. Subcategories are anticipated for many of the category members with regard to aquatic toxicity based on breaks in the solubility and toxicity. Additional information should be provided via a test plan to further clarify this point.	
124-07-2	Octanoic acid	X		High		
57-11-4	Octadecanoic acid	X		High		
143-07-7	Dodecanoic acid	X		High		
57-10-3	Hexadecanoic acid	X		High		
334-48-5	Decanoic acid	X		High		
544-63-8	Tetradecanoic acid	X		High		
68603-84-9	Carboxylic acids, C5-9		X	High		
67701-02-4	Fatty acids, C14-18		X	High		
67701-03-5	Fatty acids, C16-18	X		High		
67762-36-1	Fatty acids, C6-12	X		High		
68002-90-4	Fatty acids, C10-16	X		High		
68424-37-3	Fatty acids, C14-22	X		High		
68937-75-7	Fatty acids, C8-10	X		High		
68002-88-0	Fatty acids, C16-22		X	High		
251554-90-2	Fatty acids, C14		X	High		
506-30-9	Eicosanoic acid	X		High		Dec-08
	Simple Alpha Hydroxy Carboxylic Acids Cluster					
79-33-4	Propanoic acid, 2-hydroxy-, (2S)-	X		Low		
25904-89-6	Acetic acid, hydroxy-, potassium salt		X	Low		
1932-50-9	Acetic acid, 2-hydroxy-, potassium salt (1:1)		X	Low		Mar-09
4067-16-7	3,6,9,12-Tetraazatetradecane-1,14-diamine		X	High	Refer to the ITC for collection of additional exposure-related information and unpublished health and safety studies. Review exposure information to determine whether additional toxicity data are needed to confirm the substances toxicity as compared to analog data. Consideration of the New Chemicals Program Aliphatic Amines category may be useful.	Sep-08

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