

## Risk-Based Prioritization (RBP) Decisions Summary

Total RBP Chemicals	High	Medium	Low
220	14	56	150

RBP Chemical/Category Name	CASRN	H/M/L	Post Date
Mercury in Certain Products	7439-97-6	H	November 2008
Monoglyme	110-71-4	H	March 2008
Diglyme	111-96-6	H	March 2008
Hexabromocyclododecane (HBCD)	3194-55-6	H	March 2008
Triclocarban	101-20-2	H	March 2009
Methane, bromochloro-	74-97-5	H	March 2009
1H-1, 2, 4-Triazole	288-88-0	H	March 2009
Quaternary ammonium compounds, benzyl (hydrogenated tallow alkyl) dimethyl, chlorides	61789-72-8	H	March 2009
Quaternary ammonium compounds, benzylbis (hydrogenated tallow alkyl) methyl, chlorides	61789-73-9	H	March 2009
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	H	March 2009
Ethanol, 2-(2-aminoethoxy) -	929-06-6	H	March 2009
Phosphonic acid, dibutyl ester	1809-19-4	H	March 2009
2H-3,1-Benzoxazine-2,4(1H)-dione	118-48-9	H	March 2009
Chlorobenzenes Category	{4 Chemicals}		March 2009
• 1,3-Dichlorobenzene	541-73-1	H	
• Monochlorobenzene	108-90-7	L	
• 1,2-Dichlorobenzene	95-50-1	L	
• 1,2,3-Dichlorobenzene	87-61-6	L	
2-Amino-2,3-dimethylbutanenitrile	13893-53-3	M	September 2008
Maleic acid dibutyl ester	105-76-0	M	September 2008
Diisopropenylbenzene	3748-13-8	M	September 2008
1,3,5-Trioxane	110-88-3	M	September 2008
Primene 81R Amines	68955-53-3	M	August 2008
Butylated Triphenyl Phosphate	220352-35-2	M	July 2008
Zinc Dialkyldithiophosphates Category	{12 Chemicals}		September 2008

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• Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts	84605-29-8	M	
• Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts	68457-79-4	M	
• Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts	68784-31-6	M	
• Phosphorodithioic acid, mixed O,O-bis(sec-Bu and isooctyl) esters, zinc salts	113706-15-3	M	
• Phosphorodithioic acid, O-(2-ethylhexyl) O-isobutyl ester, zinc salts	26566-95-0	M	
• Phosphorodithioic acid, mixed O,O-bis(iso-Bu and isooctyl and pentyl) esters, zinc salts	68988-46-5	M	
• Phosphorodithioic acid, O,O-bis(1,3-dimethylbutyl) ester, zinc salts	2215-35-2	M	
• Phosphorodithioic acid, O,O-bis(2-ethylhexyl)ester, zinc salt	4259-15-8	M	
• Phosphorodithioic acid, O,O-bis(isooctyl) ester, zinc salt	28629-66-5	M	
• Phosphorodithioic acid, O,O-diisodecyl ester, zinc salt	25103-54-2	M	
• Phenol, dodecyl-, hydrogen phosphorodithioate, zinc salt	54261-67-5	M	
• Phenol, tetrapropenyl-, hydrogen phosphorodithioate, zinc salt	11059-65-7	M	
Fatty Nitrogen Derived Cationics Category	{13 Chemicals}		March 2009
• Dodecyltrimethylammonium chloride	112-00-5	M	
• Hexadecyltrimethylammonium chloride	112-02-7	M	
• Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	8030-78-2	M	
• Trimethyloctadecylammonium chloride	112-03-8	M	
• Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides	61789-77-3	M	
• Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides	68391-05-9	M	
• Quaternary ammonium compounds, di-C14-18-alkyldimethyl, chlorides	68002-59-5	M	
• Quaternary ammonium compounds, dimethylditallow alkyl, chlorides	68783-78-8	M	
• Quaternary ammonium compounds, di-C14-18-alkyldimethyl, Me sulfates	68002-58-4	M	
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl) dimethyl, chloride	61789-80-8	M	
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl) dimethyl, Me sulfates	61789-81-9	M	
• Quaternary ammonium compounds, bis(hydroxyethyl)methyltallow	67784-77-4	M	

alkyl, chlorides			
<ul style="list-style-type: none"> <li>Quaternary ammonium compounds, pentamethyltallow alkyltrimethylenedi-, dichlorides</li> </ul>	68607-29-4	M	
Diethylbenzene-Rich Streams Category	{2 Chemicals}		March 2009
<ul style="list-style-type: none"> <li>Mixed diethylbenzenes</li> </ul>	25340-17-4	M	
<ul style="list-style-type: none"> <li>Polyethylbenzenes</li> </ul>	68608-82-2	M	
2,4-Dichlorophenol, sodium salt	3757-76-4	M	March 2009
Estragole	140-67-0	M	March 2009
C7-C9 Aliphatic Aldehydes and Carboxylic Acids Category	{4 Chemicals}		March 2009
<ul style="list-style-type: none"> <li>Heptanal</li> </ul>	111-71-7	M	
<ul style="list-style-type: none"> <li>Heptanoic acid</li> </ul>	111-14-8	M	
<ul style="list-style-type: none"> <li>Nonanal</li> </ul>	124-19-6	M	
<ul style="list-style-type: none"> <li>Octanal</li> </ul>	124-13-0	M	
Cinnamyl Derivatives Category	{4 Chemicals}		March 2009
<ul style="list-style-type: none"> <li>Cinnamaldehyde</li> </ul>	104-55-2	M	
<ul style="list-style-type: none"> <li><i>alpha</i>-Amylcinnamaldehyde (2-amyl-3-phenyl-2-propenal)</li> </ul>	122-40-7	M	
<ul style="list-style-type: none"> <li><i>alpha</i>-Hexylcinnamaldehyde (2-hexyl-3-phenyl-2-propenal)</li> </ul>	101-86-0	M	
<ul style="list-style-type: none"> <li><i>p</i>-t-Butyl-<i>alpha</i>-methylhydrocinnamaldehyde (3-<i>p</i>-t-butylphenyl)-2-methylpropanal)</li> </ul>	80-54-6	M	
1,3-Diphenyl Guanidine	102-06-7	M	March 2009
N-oxydiethylenethiocarbamyl-N'-oxydiethylenesufenamide	13752-51-7	M	March 2009
2-Chloropyridine	109-09-1	M	March 2009
N-Methylformamide	123-39-7	M	March 2009
Anethole & trans-Anethole Category	{2 Chemicals}		March 2009
<ul style="list-style-type: none"> <li>Anethole</li> </ul>	104-46-1	M	
<ul style="list-style-type: none"> <li>trans-Anethole</li> </ul>	4180-23-8	M	
4,4'-Oxydianiline	101-80-4	M	March 2009
Sodium Lauryl Sulfoacetate	1847-58-1	M	March 2009
Diesters Category	{12 Chemicals}		September 2008
<ul style="list-style-type: none"> <li>Maleic acid, bis(1,3-dimethylbutyl) ester</li> </ul>	105-52-2	M	
<ul style="list-style-type: none"> <li>Maleic acid, bis(2-ethylhexyl) ester</li> </ul>	142-16-5	M	
<ul style="list-style-type: none"> <li>Adipic acid, diisopropyl ester</li> </ul>	6938-94-9	M	
<ul style="list-style-type: none"> <li>Sebacic acid, dimethyl ester</li> </ul>	106-79-6	M	

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• Adipic acid, diisooctyl ester	1330-86-5	L	
• Adipic acid, bis(1-methylheptyl)ester	108-63-4	L	
• Adipic acid, diisononyl ester	33703-08-1	L	
• Adipic acid, diisodecyl ester	27178-16-1	L	
• Adipic acid, ditridecyl ester	16958-92-2	L	
• Azelaic acid, bis(2-ethylhexyl) ester	103-24-2	L	
• Azelaic acid, diisodecyl ester	28472-97-1	L	
• Sebacic acid, bis(2-ethylhexyl) ester	122-62-3	L	
Alkyl Acetates C6-13 Category	{6 Chemicals}		March 2008
• Acetic acid, C11-14 branched alkyl esters	108419-35-8	M	
• Hexanol, acetate, branched and linear	88230-35-7	L	
• Acetic acid, C6-8 branched alkyl esters	90438-79-2	L	
• Acetic acid, C7-9 branched alkyl esters	108419-32-5	L	
• Acetic acid, C8-10 branched alkyl esters	108419-33-6	L	
• Acetic acid, C9-11 branched alkyl esters	108419-34-7	L	
Petroleum Additive Alkaryl Sulfonates Category	{12 Chemicals}		August 2008
• Sulfonic acids, petroleum, calcium salts	61789-86-4	L	
• Sulfonic acids, petroleum, barium salts	61790-48-5	L	
• Sulfonic acids, petroleum, sodium salts	68608-26-4	L	
• Sulfonic acids, petroleum, calcium salts, overbased	68783-96-0	L	
• Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	70024-69-0	L	
• Benzenesulfonic acid, mono-C15-30-branched alkyl and di-C11-13-branched and linear alkyl derivs., calcium salts, overbased	71486-79-8	L	
• Benzenesulfonic acid, mono-C15-30-branched alkyl and di-C11-13-branched and linear alkyl derivs.	71549-79-6	L	
• Benzenesulfonic acid, mono- and dialkyl derivs., magnesium salts	71786-47-5	L	
• Benzenesulfonic acid, mono- and di-C15-30-alkyl derivs., sodium salts	78330-12-8	L	
• Benzenesulfonic acid, C14-24-branched and linear alkyl derivs., calcium salts	115733-09-0	L	
• Benzenesulfonic acid, C14-24-branched and linear alkyl derivs., calcium salts, overbased	115733-10-3	L	
• Benzenesulfonic acid, C14-24-branched and linear alkyl derivs.	115829-36-2	L	
Cyclohexanone, oxime	100-64-1	L	September 2008

3-Methyl benzonitrile	620-22-4	L	September 2008
Methyl 4,6,6,6-tetrachloro-3,3-dimethylhexanoate	64667-33-0	L	September 2008
Rosin & Rosin Salts Category	{6 Chemicals}		September 2008
• Rosin	8050-09-7	L	
• Rosin, sodium salt	61790-51-0	L	
• Rosin, potassium salt	61790-50-9	L	
• Rosin, hydrogenated	65997-06-0	L	
• Rosin, distillation overheads	68425-08-1	L	
• Rosin, low-boiling fraction	68783-82-4	L	
Rosin Adducts and Adduct Salts Category	{6 Chemicals}		September 2008
• Rosin, fumarated	65997-04-8	L	
• Rosin, fumarated, sodium salt	68201-59-2	L	
• Rosin, fumarated, potassium salt	68649-83-2	L	
• Rosin, maleated	8050-28-0	L	
• Rosin, maleated, potassium salt	85409-27-4	L	
• Rosin, maleated/fumarated	68554-16-5	L	
Rosin Esters Category	{7 Chemicals}		September 2008
• Rosin, pentaerythritol ester	8050-26-8	L	
• Rosin, glycerol ester	8050-31-5	L	
• Rosin, diethylene glycol ester	68153-38-8	L	
• Rosin, methyl ester	68186-14-1	L	
• Rosin, hydrogenated, glycerol ester	65997-13-9	L	
• Rosin, hydrogenated, pentaerythritol ester	64365-17-9	L	
• Rosin, partially hydrogenated, methyl ester	8050-15-5	L	
Dibasic Esters Category	{4 Chemicals}		March 2008
• dimethyl succinate (DMS)	106-65-0	L	
• dimethyl glutarate (DMG)	1119-40-0	L	
• dimethyl adipate (DMA)	627-93-0	L	
• dibasic ester mixture	95481-62-2	L	
6- <i>tert</i> -Butyl-3-(chloro- methyl)-2,4-xylenol	23500-79-0	L	September 2008
Tall Oil & Related Substances Category	{8 Chemicals}		September 2008
• Tall oil	8002-26-4	L	

• Tall oil, sodium salt	65997-01-5	L	
• Tall oil, potassium salt	68647-71-2	L	
• Wastewater, tall-oil soap acidulation	65997-02-6	L	
• Tall oil, disproportionated	68152-92-1	L	
• Tall oil, disproportionated, potassium salt	68527-29-7	L	
• Tall-oil pitch	8016-81-7	L	
• Tall-oil pitch, sodium salt	68140-16-9	L	
Tall Oil Fatty Acids & Related Substances Category	{6 Chemicals}		September 2008
• Fatty acids, tall-oil	61790-12-3	L	
• Fatty acids, tall-oil, sodium salts	61790-45-2	L	
• Fatty acids, tall-oil, potassium salts	61790-44-1	L	
• Fatty acids, tall-oil, low-boiling	65997-03-7	L	
• Fatty acids, C16-18 and C18-unsatd., branched and linear	68955-98-6	L	
• Octadecanoic acid, branched and linear	68201-37-6	L	
Acetonitrile, [ethyl(3-methylphenyl)amino]-	63133-74-4	L	September 2008
Ethylphenols Category	{4 Chemicals}		September 2008
• <i>o</i> -Ethylphenol	90-00-6	L	
• <i>m</i> -Ethylphenol	620-17-7	L	
• <i>p</i> -Ethylphenol	123-07-9	L	
• Ethylphenol isomer mixture	25429-37-2	L	
Adipic acid, (bis)2-ethylhexyl ester	103-23-1	L	September 2008
Adipic acid, di-C7-9 branched & linear alkyl ester	68515-75-3	L	September 2008
7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-	1563-38-8	L	September 2008
2,4,7,9-Tetramethyl-5-decyne-4,7-diol	126-86-3	L	September 2008
Cyclopropanecarboxylic acid, 3-(2,2-dichloroethenyl)-	61898-95-1	L	September 2008
Methallyloxyphenol	4790-71-0	L	September 2008
Methylacetoacetate	105-45-3	L	August 2008
Carboxylic Food Acids & Salts Category	{13 Chemicals}		August 2008
• Acetic acid	64-19-7	L	
• Acetic acid, ammonium salt	631-61-8	L	
• Acetic acid, potassium salt	127-08-2	L	
• Acetic acid, sodium salt	127-09-3	L	
• Acetic acid, calcium salt	62-54-4	L	

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• Acetic acid, magnesium salt	142-72-3	L	
• Acetic acid, manganese salt	638-38-0	L	
• Fumaric Acid	110-17-8	L	
• Malic Acid	6915-15-7	L	
• Citric Acid	77-92-9	L	
• Citric acid, sodium salt (unspecified number of sodium atoms)	994-36-5	L	
• Citric acid, trisodium salt	68-04-2	L	
• Citric acid, tripotassium salt	866-84-2	L	
Allyl alcohol	107-18-6	L	August 2008
Lactic acid	50-21-5	L	August 2008
4-Methyl-2-pentanol	108-11-2	L	July 2008
2,4,6-Trimethylphenol	527-60-6	L	July 2008
CI Disperse Blue 79:1	3618-72-2	L	July 2008
Aluminum Alkyls Category	{20 Chemicals}		July 2008
• Aluminum triethyl	97-93-8	L	
• Aluminum chlorodiethyl	96-10-6	L	
• Aluminum tri isobutyl	100-99-2	L	
• Aluminum dichloroethyl	563-43-9	L	
• Aluminum tri <i>n</i> -octyl	1070-00-4	L	
• Aluminum tributyl	1116-70-7	L	
• Aluminum trihexyl	1116-73-0	L	
• Aluminum trichloro triethylidi	12075-68-2	L	
• Aluminum diisobutyl chloride	1779-25-5	L	
• Aluminum tri (C2 – C20) alkyls	68908-97-4	L	
• Aluminum tridodecyl	1529-59-5	L	
• Aluminum tritexadecyl	1726-65-4	L	
• Aluminum tris (decyl)	1726-66-5	L	
• Aluminum trioctadecyl	3041-23-4	L	
• Aluminum tridocosyl	6651-25-8	L	
• Aluminum tritetraocosyl	6651-26-9	L	
• Aluminum trioctacosyl	6651-27-0	L	
• Aluminum trihexacosyl	10449-71-5	L	

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• Aluminum tricicosyl	1529-57-3	L	
• Aluminum tritetradecyl	1529-58-4	L	
Methane Sulfonic Acid	75-75-2	L	July 2008
Butyl Glycidal Ether	2426-08-6	L	July 2008
Dichloroacetyl chloride	79-36-7	L	March 2008
Dicarboxylic Acids Category	{3 Chemicals}		March 2008
• Succinic Acid (Butanedioic acid)	110-15-6	L	
• Glutaric Acid (Pentanedioic acid)	110-94-1	L	
• Adipic Acid (Hexanedioic acid)	124-04-9	L	
Butyric Acid/Anhydride Category	{2 Chemicals}		March 2008
• <i>n</i> -Butyric acid	107-92-6	L	
• <i>n</i> -Butyric anhydride	106-31-0	L	
RH-35,201 Crude	50594-77-9	L	March 2009
Fatty Acid Dimers and Trimer Category	{4 Chemicals}		March 2009
• Dimer	61788-89-4	L	
• Trimer	68937-90-6	L	
• Hydrogenated Dimer	68783-41-5	L	
• Crude Dimer	71808-39-4	L	
Alkyl Nitriles Category	{3 Chemicals}		March 2009
• Propanenitrile	107-12-0	L	
• Butanenitrile	109-74-0	L	
• Propanenitrile, 2-methyl-	78-82-0	L	
Phenol, 2,4-bis(1,1-dimethylethyl)-, phosphite (3:1)	31570-04-4	L	March 2009
IRGANOX MD 1024	32687-78-8	L	March 2009
Hydroxybenzenesulfonic Acid	1333-39-7	L	March 2009
1,2-Ethanediamine, N-ethyl-N-(3-methylphenyl)-	19248-13-6	L	March 2009
Dimethyl Ether	115-10-6	L	March 2009
Neoacids C5-28 Category	{6 Chemicals}		March 2009
• Neodecanoic acid	26896-20-8	L	
• Propanoic acid, 2,2-dimethyl-, methyl ester	598-98-1	L	
• Fatty acids, C9-13-neo-	68938-07-8	L	
• Fatty acids, C9-28-neo-	72480-45-6	L	
• Propanoic acid, 2,2-dimethyl-	75-98-9	L	



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• Carboxylic acids, C6-8-neo-	95823-36-2	L	
Ethyl Monochloroacetate	105-39-5	L	March 2009
Benzene, 1,1'-[1,2-ethanediylbis(oxy)]bis[2,4,6-tribromo-]	37853-59-1	L	March 2009
Dimethyl 3,3'-thiobispropionate	4131-74-2	L	March 2009
Propylene Carbonate	108-32-7	L	March 2009