

Benchmark Score	CAS Number	Chemical Name	Link
1			
	1222-05-5	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindenol[5,6-c]pyran	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindenol[5,6-c]pyran (1222-05-5)
	1/4/3081	1,4-benzenediamine, N-(1,4-dimethylpentyl)-N'-phenyl-	1,4-benzenediamine, N-(1,4-dimethylpentyl)-N'-phenyl- (3081-01-4)
	106-94-5	1-Bromopropane	1-Bromopropane (106-94-5)
	79-94-7	2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol	2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol (79-94-7)
	2224-33-1	2-Butanone, 2,2',2''-(O,O',O''-(ethenylsilylidyne)trioxime)	2-Butanone, 2,2',2''-(O,O',O''-(ethenylsilylidyne)trioxime) (2224-33-1)
	793-24-8	4-(dimethylbutylamino)diphenylamin	4-(dimethylbutylamino)diphenylamin (793-24-8)
	75-07-0	Acetaldehyde	Acetaldehyde (75-07-0)
	21645-51-2	Aluminum hydroxide	Aluminum hydroxide (21645-51-2)
	1341-49-7	Ammonium bifluoride	Ammonium bifluoride (1341-49-7)

7631-86-9	Amorphous silica	Amorphous silica (7631-86-9)
68909-20-6	Amorphous silica (modified)	Amorphous silica (modified) (68909-20-6)
1309-64-4	Antimony oxide (Antimony trioxide)	Antimony oxide (Antimony trioxide) (1309-64-4)
64742-95-6	Aromatic 100 (Aromatic naphtha, type 1)	Aromatic 100 (Aromatic naphtha, type 1) (64742-95-6)
71-43-2	Benzene	Benzene (71-43-2)
100-44-7	Benzyl chloride	Benzyl chloride (100-44-7)
80-05-7	Bisphenol A	Bisphenol A (80-05-7)
68186-94-7	C.I. Pigment Black 26	C.I. Pigment Black 26 (68186-94-7)
1333-86-4	Carbon black	Carbon black (1333-86-4)
000-00-0	Carbon Nanofibers	Carbon Nanofibers (000-00-0)
000000-00-0	Carbon Nanotubes, multi-walled MWCNT-7	Carbon Nanotubes, multi-walled MWCNT-7 (000000-00-0)
1317-39-1	Cuprous oxide	Cuprous oxide (1317-39-1)
556-67-2	Cyclotetrasiloxane	Cyclotetrasiloxane (556-67-2)
75-09-2	Dichloromethane	Dichloromethane (75-09-2)

28553-12-0	Diisononyl Phthalate	Diisononyl Phthalate (28553-12-0)
68551-19-9	EcoSolv Dry Cleaning Fluid	EcoSolv Dry Cleaning Fluid (68551-19-9)
107-21-1	Ethylene glycol	Ethylene glycol (107-21-1)
64742-89-8	Light aliphatic petroleum naphtha	Light aliphatic petroleum naphtha (64742-89-8)
86347-14-0	Medetomidine	Medetomidine (86347-14-0)
37640-57-6	Melamine cyanurate	Melamine cyanurate (37640-57-6)
67-56-1	Methanol	Methanol (67-56-1)
96-29-7	Methylethylketoxime	Methylethylketoxime (96-29-7)
4175-38-6	N,N'-Dicyclohexyl-4-phenylenediamine (CCPD)	N,N'-Dicyclohexyl-4-phenylenediamine (CCPD) (4175-38-6)
52870-46-9	N-1,3-Dimethyl butyl-N'-phenyl quinone diamine (6QDI)	N-1,3-Dimethyl butyl-N'-phenyl quinone diamine (6QDI) (52870-46-9)
191680-81-6	N-alkoxy hindered amine reaction products	N-alkoxy hindered amine reaction products (191680-81-6)

101-72-4	N-Isopropyl-N'-phenyl-p-phenylenediamine	N-Isopropyl-N'-phenyl-p-phenylenediamine (101-72-4)
64742-48-9	Naphtha (petroleum), hydrotreated heavy	Naphtha (petroleum), hydrotreated heavy (64742-48-9)
64742-49-0	Naphtha (petroleum), hydrotreated light	Naphtha (petroleum), hydrotreated light (64742-49-0)
91-20-3	Naphthalene	Naphthalene (91-20-3)
13927-77-0	Nickel Dibutyldithiocarbamate	Nickel Dibutyldithiocarbamate (13927-77-0)
307-24-4	Perfluorohexanoic acid	Perfluorohexanoic acid (307-24-4)
64742-94-5	Petroleum distillates	Petroleum distillates (64742-94-5)
68664-06-2	Polyphosphonate	Polyphosphonate (68664-06-2)
14808-60-7	Quartz	Quartz (14808-60-7)
7440-22-4	Silver	Silver (7440-22-4)
7440-22-4	Silver, nanoscale	Silver, nanoscale (7440-22-4)
000000-00-0	Single Walled Carbon Nanotubes	Single Walled Carbon Nanotubes (000000-00-0)
8052-41-3	Stoddard solvent	Stoddard solvent (8052-41-3)

1030826-36-8	SYBR® Safe	SYBR® Safe (1030826-36-8)
14807-96-6	Talc	Talc (14807-96-6)
13463-67-7	Titanium dioxide	Titanium dioxide (13463-67-7)
108-88-3	Toluene	Toluene (108-88-3)
122454-29-9	Tralopyril	Tralopyril (122454-29-9)
78-30-8	Tri-o-tolyl phosphate	Tri-o-tolyl phosphate (78-30-8)
79-01-6	Trichloroethylene	Trichloroethylene (79-01-6)
3380-34-5	Triclosan [2,4,4'-trichloro-2'-hydroxydiphenyl ether]	Triclosan [2,4,4'-trichloro-2'-hydroxydiphenyl ether] (3380-34-5)
1185-55-3	Trimethoxy(methyl)silane	Trimethoxy(methyl)silane (1185-55-3)
13674-87-8	Tris(2-chloro-1-(chloromethyl)ethyl) phosphate	Tris(2-chloro-1-(chloromethyl)ethyl) phosphate (13674-87-8)
115-96-8	Tris(2-chloroethyl) phosphate	Tris(2-chloroethyl) phosphate (115-96-8)
68083-19-2	Vinyl silicone polymer	Vinyl silicone polymer (68083-19-2)
2/7/2768	Vinyltrimethoxysilane	Vinyltrimethoxysilane (2768-02-7)
1330-20-7	Xylene	Xylene (1330-20-7)
1332-07-6	Zinc Borate	Zinc Borate (1332-07-6)

1314-13-2	Zinc oxide	Zinc oxide (1314-13-2)
13463-41-7	Zinc pyrithione	Zinc pyrithione (13463-41-7)
526-73-8	1,2,3-Trimethylbenzene	1,2,3-Trimethylbenzene (526-73-8)
95-63-6	1,2,4-Trimethylbenzene	1,2,4-Trimethylbenzene (95-63-6)
28159-98-0	1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-	1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (28159-98-0)
108-67-8	1,3,5-Trimethylbenzene	1,3,5-Trimethylbenzene (108-67-8)
147-47-7	2,2,4-Trimethyl-1,2-Dihydroquinoline	2,2,4-Trimethyl-1,2-Dihydroquinoline (147-47-7)
38051-10-4	2,2-bis(chloromethyl)trimethylene bis(bis(2-chloroethyl)phosphate) (V6)	2,2-bis(chloromethyl)trimethylene bis(bis(2-chloroethyl)phosphate) (V6) (38051-10-4)
78-67-1	2,2' - Azobisisobutyronitrile	2,2' - Azobisisobutyronitrile (78-67-1)
104-76-7	2-Ethyl-1-Hexanol	2-Ethyl-1-Hexanol (104-76-7)
103-11-7	2-ethylhexyl acrylate	2-ethylhexyl acrylate (103-11-7)

96-47-9 2-Methyltetrahydrofuran

[2-Methyltetrahydrofuran \(96-47-9\)](#)

91-53-2 6-ETHOXY-2,2,4-TRIMETHYL-1,2-DIHYDROQUINOLINE

[6-ETHOXY-2,2,4-TRIMETHYL-1,2-DIHYDROQUINOLINE \(91-53-2\)](#)

64-19-7 Acetic acid

[Acetic acid \(64-19-7\)](#)

67-64-1 Acetone

[Acetone \(67-64-1\)](#)

75-05-8 Acetonitrile

[Acetonitrile \(75-05-8\)](#)

225789-38-8 Aluminum diethylphosphinate

[Aluminum diethylphosphinate \(225789-38-8\)](#)

21645-51-2 Aluminum hydroxide

[Aluminum hydroxide \(21645-51-2\)](#)

68155-09-9 Amides, Coco, N-[3-(Dimethylamino)propyl], N-Oxides / Cocamidopropylamine Oxide

[Amides, Coco, N-\[3-\(Dimethylamino\)propyl\], N-Oxides / Cocamidopropylamine Oxide \(68155-09-9\)](#)

7727-43-7 Barium sulfate

[Barium sulfate \(7727-43-7\)](#)

232938-43-1 Benzenesulfonamide, 4-methyl-N-[[[3-[[[4-methylphenyl)sulfonyl]oxy]phenyl] amino]carbonyl]-

[Benzenesulfonamide, 4-methyl-N-\[\[\[3-\[\[\[4-methylphenyl\)sulfonyl\]oxy\]phenyl\] amino\]carbonyl\]- \(232938-43-1\)](#)

183658-27-7 Benzoic acid, 2,3,4,5-tetrabromo-, 2-ethylhexyl ester (TBB)

[Benzoic acid,
2,3,4,5-
tetrabromo-, 2-
ethylhexyl ester
\(TBB\) \(183658-27-
7\)](#)

94-36-0 Benzoyl peroxide

[Benzoyl
peroxide \(94-36-
0\)](#)

11/5/3896 Bumetrizole

[Bumetrizole \(389
6-11-5\)](#)

61789-40-0 Cocamidopropyl Betaine

[Cocamidopropyl
Betaine \(61789-
40-0\)](#)

110-82-7 Cyclohexane

[Cyclohexane \(110-
82-7\)](#)

120-92-3 Cyclopentanone

[Cyclopentanone \(
120-92-3\)](#)

5614-37-9 Cyclopentyl Methyl Ether

[Cyclopentyl
Methyl
Ether \(5614-37-9\)](#)

68515-73-1 D-Glucopyranose, Oligomers, Decyl Octyl Glycosides

[D-Glucopyranose,
Oligomers, Decyl
Octyl
Glycosides \(6851
5-73-1\)](#)

123-42-2 Diacetone Alcohol

[Diacetone
Alcohol \(123-42-
2\)](#)

84-66-2 Diethyl phthalate

[Diethyl
phthalate \(84-66-
2\)](#)

111-46-6 Diethylene glycol

[Diethylene
glycol \(111-46-6\)](#)

1309-37-1 Diiron Trioxide

[Diiron
Trioxide \(1309-37-
1\)](#)

474919-59-0	Diisononyl cyclohexanedicarboxylate (first)	Diisononyl cyclohexanedicarboxylate (474919-59-0)
166412-78-8	Diisononyl cyclohexanedicarboxylate (second)	Diisononyl cyclohexanedicarboxylate (166412-78-8)
27858-32-8	Diisopropoxytitanium bis(ethylacetoacetate)	Diisopropoxytitanium bis(ethylacetoacetate) (27858-32-8)
616-38-6	Dimethyl Carbonate	Dimethyl Carbonate (616-38-6)
1119-40-0	Dimethyl Glutarate (DMG)	Dimethyl Glutarate (DMG) (1119-40-0)
68083-14-7	Diphenyl dimethicone	Diphenyl dimethicone (68083-14-7)
64742-47-8	Distillates, petroleum, hydrotreated light	Distillates, petroleum, hydrotreated light (64742-47-8)
577-11-7	Docusate Sodium	Docusate Sodium (577-11-7)
9002-92-0	Dodecyl Alcohol, Ethoxylated (EO < 10)	Dodecyl Alcohol, Ethoxylated (EO < 10) (9002-92-0)
1643-20-5	Dodecyldimethylamine oxide	Dodecyldimethylamine oxide (1643-20-5)
112-84-5	Erucamide	Erucamide (112-84-5)
64-17-5	Ethanol	Ethanol (64-17-5)

74-85-1	Ethylene	Ethylene (74-85-1)
68551-17-7	Isoalkanes	Isoalkanes (68551-17-7)
78-83-1	Isobutyl alcohol	Isobutyl alcohol (78-83-1)
67-63-0	Isopropyl alcohol	Isopropyl alcohol (67-63-0)
110-27-0	Isopropyl Myristate	Isopropyl Myristate (110-27-0)
68937-41-7	Isopropylated triphenyl phosphate (IPTPP)	Isopropylated triphenyl phosphate (IPTPP) (68937-41-7)
50-21-5	Lactic acid	Lactic acid (50-21-5)
68439-50-9	Linear (C12 and C14) Alkyl Alcohols, Ethoxylated (6EO)	Linear (C12 and C14) Alkyl Alcohols, Ethoxylated (6EO) (68439-50-9)
15541-60-3	Melamine polyphosphate	Melamine polyphosphate (15541-60-3)
79-20-9	Methyl acetate	Methyl acetate (79-20-9)
78-93-3	Methyl ethyl ketone	Methyl ethyl ketone (78-93-3)
99-76-3	Methylparaben	Methylparaben (99-76-3)
3081-14-9	N,N'-Bis(1,4-dimethylpentyl)-p-phenylenediamine (77PPD)	N,N'-Bis(1,4-dimethylpentyl)-p-phenylenediamine (77PPD) (3081-14-9)

13282-70-7	N-[3-(Dimethylamino)propyl]stearamide monoacetate	N-[3-(Dimethylamino)propyl]stearamide monoacetate (13282-70-7)
8047-99-2	n-Ethyl-o (or p)-toluenesulfonamide	n-Ethyl-o (or p)-toluenesulfonamide (8047-99-2)
142-82-5	n-Heptane	n-Heptane (142-82-5)
2082-79-3	Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (2082-79-3)
8002-74-2	Paraffin Wax	Paraffin Wax (8002-74-2)
26040-51-7	Phthalic acid, tetrabromo, bis(2-ethylhexyl) ester (TBPH)	Phthalic acid, tetrabromo, bis(2-ethylhexyl) ester (TBPH) (26040-51-7)
77226-90-5	Poly[phosphonate-co-carbonate]	Poly[phosphonate-co-carbonate] (77226-90-5)
71-23-8	Propan-1-ol	Propan-1-ol (71-23-8)
115-07-1	Propylene	Propylene (115-07-1)
57-55-6	Propylene glycol	Propylene glycol (57-55-6)

71011-24-0	Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, salts with bentonite	Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, salts with bentonite (71011-24-0)
125997-21-9	Resorcinol bis-diphenylphosphate	Resorcinol bis-diphenylphosphate (125997-21-9)
11099-06-2	RTV silicone rubber	RTV silicone rubber (11099-06-2)
70131-67-8	Silanol terminated polydimethylsiloxane	Silanol terminated polydimethylsiloxane (70131-67-8)
497-19-8	Sodium Carbonate	Sodium Carbonate (497-19-8)
151-21-3	Sodium Lauryl Sulfate and C10-C16 Alkyl Alcohol Sulfuric Acid, Sodium Salt	Sodium Lauryl Sulfate and C10-C16 Alkyl Alcohol Sulfuric Acid, Sodium Salt (151-21-3)
66034-17-1	Substituted amine phosphate mixture	Substituted amine phosphate mixture (66034-17-1)

68955-19-1	Sulfuric Acid, Mono-C12-18-Alkyl Esters, Sodium Salts / Sodium Pentadecyl Sulfate / Sodium Coco Sulfate	Sulfuric Acid, Mono-C12-18-Alkyl Esters, Sodium Salts / Sodium Pentadecyl Sulfate / Sodium Coco Sulfate (68955-19-1)
100-21-0	Terephthalic acid	Terephthalic acid (100-21-0)
75-65-0	Tert-Butyl Alcohol	Tert-Butyl Alcohol (75-65-0)
5384-21-4	Tetramethyl Bisphenol F	Tetramethyl Bisphenol F (5384-21-4)
122454-29-9	Tralopyril	Tralopyril (122454-29-9)
156-60-5	trans-1,2-Dichloroethylene	trans-1,2-Dichloroethylene (156-60-5)
101-20-2	Triclocarban [N-(4-chlorophenyl)-N'-(3,4-dichlorophenyl)-urea]	Triclocarban [N-(4-chlorophenyl)-N'-(3,4-dichlorophenyl)-urea] (101-20-2)
121-44-8	Triethylamine (TEA)	Triethylamine (TEA) (121-44-8)
112-27-6	Triethylene glycol	Triethylene glycol (112-27-6)
25551-13-7	Trimethylbenzenes	Trimethylbenzenes (25551-13-7)
115-86-6	Triphenyl phosphate	Triphenyl phosphate (115-86-6)

5131-66-8	1-Butoxypropan-2-ol	1-Butoxypropan-2-ol (5131-66-8)
147315-50-2	2-(2-Hydroxy-4-hexyloxyphenyl)-4,6-diphenyl-1,3,5-triazine	2-(2-Hydroxy-4-hexyloxyphenyl)-4,6-diphenyl-1,3,5-triazine (147315-50-2)
68333-79-9	Ammonium polyphosphate	Ammonium polyphosphate (68333-79-9)
123-86-4	Butyl Acetate	Butyl Acetate (123-86-4)
147-14-8	C. I. Pigment Blue 15	C. I. Pigment Blue 15 (147-14-8)
471-34-1	Calcium carbonate	Calcium carbonate (471-34-1)
53716-82-8	Cyrene	Cyrene (53716-82-8)
6422-86-2	Di(2-ethylhexyl) terephthalate	Di(2-ethylhexyl) terephthalate (6422-86-2)
123-28-4	Dilauryl Thiodipropionate	Dilauryl Thiodipropionate (123-28-4)
50-99-7	Glucose	Glucose (50-99-7)
4511-42-6	Lactide	Lactide (4511-42-6)
1309-42-8	Magnesium hydroxide	Magnesium hydroxide (1309-42-8)
8002-74-2	Paraffin Wax	Paraffin Wax (8002-74-2)
68664-06-2	Polyphosphonate	Polyphosphonate (68664-06-2)
108-32-7	Propylene Carbonate	Propylene Carbonate (108-32-7)

	102-76-1	Triacetin	Triacetin (102-76-1)
4	7732-18-5	Dihydrogen Oxide	Dihydrogen Oxide (7732-18-5)
Unspecified (U)			
	112945-52-5	Amorphous fumed silica, nano	Amorphous fumed silica, nano (112945-52-5)
	103-24-2	Bis(2-ethylhexyl)azelate	Bis(2-ethylhexyl)azelate (103-24-2)
	959-26-2	bis(2-hydroxyethyl) terephthalate	bis(2-hydroxyethyl) terephthalate (959-26-2)
	181028-79-5	Bisphenol A bis(diphenyl phosphate)	Bisphenol A bis(diphenyl phosphate) (181028-79-5)
	2568-90-3	Dibutoxymethane	Dibutoxymethane (2568-90-3)
	53306-54-0	Dipropyl heptyl phthalate (DPHP)	Dipropyl heptyl phthalate (DPHP) (53306-54-0)
	577-11-7	Docusate Sodium	Docusate Sodium (577-11-7)
	1003300-73-9	Phosphoric acid, mixed esters with [1,1'-bisphenyl-4,4'-diol] and phenol	Phosphoric acid, mixed esters with [1,1'-bisphenyl-4,4'-diol] and phenol (1003300-73-9)
	115-07-1	Propylene	Propylene (115-07-1)
	128446-60-6	Silsesquioxanes, 3-amino Me, ethoxy-terminated	Silsesquioxanes, 3-amino Me, ethoxy-terminated (128446-60-6)

121-44-8	Triethylamine (TEA)	Triethylamine (TEA) (121-44-8)
13674-84-5	Tris(2-chloro-1-methylethyl) phosphate (TCPP)	Tris(2-chloro-1-methylethyl) phosphate (TCPP)
3319-31-1	Tris(2-ethylhexyl) trimellitate	Tris(2-ethylhexyl) trimellitate (3319-31-1)

New Additons during website updates 2024

Benchmark 2

9012-76-4	Chitosan	9012-76-4 Chitosan
1117-86-8	Caprylyl glycol	1117-86-8 Caprylyl-glycol
106-50-3	Phenylenediamine	106-50-3 Phenylenediamine
5343-92-0	Pentylene glycol	5343-92-0 Pentylene-glycol

Benchmark 3

24634-61-5 / 590-00-1	Potassium sorbate	24634-61-5 / 590-00-1 Potassium-sorbate
6920-22-5	Hexanediol	6920-22-5 Hexanediol
141-53-7	Sodium formate	141-53-7 Sodium-formate
110-44-1	Sorbic acid	110-44-1 Sorbic-acid
77-92-9	Citric acid	77-92-9 Citric-acid

Benchmark 4

866-84-2	Potassium citrate	866-84-2 Potassium-citrate
68-04-2, 994-36-5, 61	Sodium citrate	68-04-2, 994-36-5, 61 Sodium-citrate