

2010 Right to Know Special Health Hazardous Substance List

| Substance Number | Common Name <i>Chemical Name</i> | Flammables | CAS | DOT | SHHC | Sources |
|------------------|---|------------|----------|------|-------------------|--------------------------------------|
| 2057 | # ACETAL <i>ETHANE, 1,1-DIETHOXY-</i> | | 105-57-7 | 1088 | F3 | 3 15 17 |
| 0001 | # ACETALDEHYDE <i>ACETALDEHYDE</i> | | 75-07-0 | 1089 | CA MU TE F4 R2 | 1 2 3 4 5 6 7 8 15 17 18 20 21 22 |
| 0003 | # ACETALDEHYDE OXIME <i>ACETALDEHYDE, OXIME</i> | | 107-29-9 | 2332 | F3 | 3 17 |
| 0004 | # ACETIC ACID <i>ACETIC ACID</i> | | 64-19-7 | 2789 | CO | 1 2 3 4 15 17 20 |
| 0005 | # ACETIC ANHYDRIDE <i>ACETIC ACID, ANHYDRIDE</i> | | 108-24-7 | 1715 | CO | 1 2 3 4 15 17 20 |
| 0006 | # ACETONE <i>2-PROPANONE</i> | | 67-64-1 | 1090 | F3 | 1 2 3 4 8 15 17 20 21 |
| 0007 | # ACETONE CYANOHYDRIN <i>PROPANENITRILE, 2-HYDROXY-2-METHYL-</i> | | 75-86-5 | 1541 | R2 | 2 3 4 6 15 17 18 19 20 21 |
| 0008 | # ACETONITRILE <i>ACETONITRILE</i> | | 75-05-8 | 1648 | F3 | 1 2 3 4 6 8 15 17 18 20 21 |
| 2961 | ACETOPHENONE <i>ETHANONE, 1-PHENYL-</i> | | 98-86-2 | 1993 | | 2 3 6 8 15 17 18 20 21 |

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| 0009 # | ACETYL ACETONE PEROXIDE <i>2,4-PENTANEDIONE, PEROXIDE</i> | | 37187-22-7 | 3105 | F3 R3 | 3 17 |
| 0013 # | ACETYL CHLORIDE <i>ACETYL CHLORIDE</i> | | 75-36-5 | 1717 | CO F3 R2 | 3 8 15 17 20 21 |
| 0014 | ACETYL CYCLOHEXANE SULFONYL PEROXIDE <i>PEROXIDE, ACETYL CYCLOHEXYLSULFONYL</i> | | 3179-56-4 | 3112 | | 3 17 |
| 0015 # | ACETYLENE <i>ETHYNE</i> | | 74-86-2 | 1001 | F4 R3 | 2 3 4 6 15 17 22 |
| 0018 | ACETYL METHYL CARBINOL <i>2-BUTANONE, 3-HYDROXY-</i> | | 513-86-0 | 2621 | | 3 17 |
| 0019 # | ACETYL PEROXIDE <i>PEROXIDE, DIACETYL</i> | | 110-22-5 | 2084 | R4 | 3 15 17 |
| 2064 # | ACRIDINE <i>ACRIDINE</i> | | 260-94-6 | 2713 | F3 | 3 17 |
| 0021 # | ACROLEIN <i>2-PROPENAL</i> | | 107-02-8 | 1092 | F3 R3 | 1 2 3 4 6 7 8 14 15 17 18 19 20 21 22 |
| 4191 | ACROLEIN DIMER <i>2H-PYRAN-2-CARBOXALDEHYDE, 3,4-DIHYDRO-</i> | | 100-73-2 | 2607 | | 3 15 17 |

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| 0022 # | ACRYLAMIDE <i>2-PROPENAMIDE</i> | | 79-06-1 | 2074 | CA R2 | 1 2 3 4 5 6 7 8 15 17 18 19 20 21 |
| 0023 # | ACRYLIC ACID <i>2-PROPENOIC ACID</i> | | 79-10-7 | 2218 | CO R2 | 2 3 4 6 7 8 15 17 18 20 21 |
| 0024 # | ACRYLONITRILE <i>2-PROPENENITRILE</i> | | 107-13-1 | 1093 | CA TE F3 R2 | 1 2 3 4 5 6 7 8 14 15 17 18 19 20 21 22 |
| 2065 # | ACRYLYL CHLORIDE <i>2-PROPENOYL CHLORIDE</i> | | 814-68-6 | | F3 | 6 19 22 |
| 0027 | ADIPONITRILE <i>HEXANEDINITRILE</i> | | 111-69-3 | 2205 | | 2 3 4 6 8 15 17 19 |
| 4192 # | ADIPOYL CHLORIDE <i>HEXANEDIOYL DICHLORIDE</i> | | 111-50-2 | | CO | 3 15 17 |
| 0032 | ALDOL <i>BUTANAL, 3-HYDROXY-</i> | | 107-89-1 | 2839 | | 3 15 17 |
| 0035 # | ALLYL ACETATE <i>ACETIC ACID, 2-PROPENYL ESTER</i> | | 591-87-7 | 2333 | F3 | 3 15 17 |
| 0036 # | ALLYL ALCOHOL <i>2-PROPEN-1-OL</i> | | 107-18-6 | 1098 | F3 | 1 2 3 4 6 8 15 17 18 19 20 21 22 |

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| 0037 | # ALLYL AMINE <i>2-PROPEN-1-AMINE</i> | | 107-11-9 | 2334 | F3 | 3 6 15 17 18 19 22 |
| 0038 | # ALLYL BROMIDE <i>1-PROPENE, 3-BROMO-</i> | | 106-95-6 | 1099 | F3 | 3 15 17 |
| 0039 | # ALLYL CHLORIDE <i>1-PROPENE, 3-CHLORO-</i> | | 107-05-1 | 1100 | CA F3 | 1 2 3 4 6 7 8 15 17 18 20 |
| 0040 | # ALLYL CHLOROCARBONATE <i>CARBOCHLORIDIC ACID, 2-PROPENYL ESTER</i> | | 2937-50-0 | 1722 | CO F3 | 3 15 17 |
| 0041 | # ALLYL ETHYL ETHER <i>1-PROPENE, 3-ETHOXY-</i> | | 557-31-3 | 2335 | F3 | 3 15 17 |
| 0042 | # ALLYL FORMATE <i>FORMIC ACID, 2-PROPENYL ESTER</i> | | 1838-59-1 | 2336 | F3 | 3 17 |
| 0043 | ALLYL GLYCIDYL ETHER <i>OXIRANE, [(2-PROPENYLOXY)METHYL] -</i> | | 106-92-3 | 2219 | | 1 2 3 4 17 |
| 0044 | # ALLYL IODIDE <i>1-PROPENE, 3-IODO-</i> | | 556-56-9 | 1723 | CO F3 | 3 17 |
| 0045 | ALLYL ISOTHIOCYANATE <i>1-PROPENE, 3-ISOTHIOCYANATO-</i> | | 57-06-7 | 1545 | | 3 7 15 17 |

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| 0047 | # ALLYL TRICHLOROSILANE <i>SILANE, TRICHLORO-2-PROPENYL-</i> | | 107-37-9 | 1724 | CO F3 R2 | 3 15 17 |
| 0054 | # ALUMINUM <i>ALUMINUM</i> | | 7429-90-5 | 1396 | F3 | 1 2 3 4 6 15 17 18 |
| 2108 | # ALUMINUM BOROHYDRIDE <i>BORATE(1-), TETRAHYDRO-, ALUMINUM (3:1)</i> | | 16962-07-5 | 2870 | F3 | 3 17 |
| 0056 | # ALUMINUM CARBIDE <i>ALUMINUM CARBIDE</i> | | 1299-86-1 | 1394 | F3 R3 | 1 2 3 4 17 |
| 0060 | # ALUMINUM HYDRIDE <i>ALUMINUM HYDRIDE (AlH3)</i> | | 7784-21-6 | 2463 | F3 R2 | 1 2 3 4 17 |
| 0063 | # ALUMINUM PHOSPHIDE <i>ALUMINUM PHOSPHIDE (AlP)</i> | | 20859-73-8 | 1397 | F4 R2 | 2 3 4 6 8 14 15 17 18 19 20 21 |
| 0064 | # ALUMINUM RESINATE <i>RESIN ACIDS AND ROSIN ACIDS, ALUMINUM SALTS</i> | | 61789-65-9 | 2715 | F3 | 1 2 3 4 17 |
| 0071 | 2-AMINO-5-DIETHYL AMINOPENTANE <i>1,4-PENTANEDIAMINE, N1,N1-DIETHYL-</i> | | 140-80-7 | 2946 | | 3 17 |
| 0075 | # N-AMINOETHYLPIPERAZINE <i>1-PIPERAZINEETHANAMINE</i> | | 140-31-8 | 2815 | CO | 3 15 17 |

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| 4194 | 2-AMINO-2-METHYL-1-PROPANOL <i>1-PROPANOL, 2-AMINO-2-METHYL-</i> | | 124-68-5 | 1993 | | 3 15 17 |
| 0081 | 2-AMINOPYRIDINE <i>2-PYRIDINAMINE</i> | | 504-29-0 | 2671 | | 1 2 3 4 17 |
| 0112 | # AMMONIUM PICRATE <i>PHENOL, 2,4,6-TRINITRO-, AMMONIUM SALT</i> | | 131-74-8 | 1310 | F3 R4 | 3 17 20 21 |
| 0115 | # AMMONIUM SULFIDE <i>AMMONIUM SULFIDE ((NH4)2S)</i> | | 12135-76-1 | 2683 | CO F3 | 3 17 20 |
| 1321 | # n-AMYL ACETATE <i>ACETIC ACID, PENTYL ESTER</i> | | 628-63-7 | 1104 | F3 | 1 2 3 4 15 17 20 |
| 1643 | # sec-AMYL ACETATE <i>2-PENTANOL, ACETATE</i> | | 626-38-0 | 1104 | F3 | 1 2 3 4 15 17 20 |
| 3023 | # tert-AMYL ACETATE <i>2-BUTANOL, 2-METHYL-, ACETATE</i> | | 625-16-1 | 1104 | F3 | 2 3 17 20 |
| 0124 | # AMYL ALCOHOL <i>1-PENTANOL</i> | | 71-41-0 | 1105 | F3 | 3 15 17 |
| 4119 | # sec-AMYL ALCOHOL see Fact Sheet # 0124 on AMYL ALCOHOL <i>2-PENTANOL</i> | | 6032-29-7 | 1105 | F3 | 1 3 4 15 17 |

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| 0125 | # AMYL AMINE <i>1-PENTANAMINE</i> | | 110-58-7 | 1106 | CO F3 | 3 15 17 |
| 4189 | AMYL BENZENE <i>BENZENE, PENTYL-</i> | | 538-68-1 | 1993 | | 3 15 17 |
| 4188 | # AMYL BROMIDE <i>PENTANE, 1-BROMO-</i> | | 110-53-2 | 1993 | F3 | 3 15 17 |
| 0126 | AMYL BUTYRATE <i>BUTANOIC ACID, PENTYL ESTER</i> | | 540-18-1 | 2620 | | 3 15 17 |
| 0127 | # AMYL CHLORIDE <i>PENTANE, 1- CHLORO-</i> | | 543-59-9 | 1107 | F3 | 3 15 17 |
| 0129 | # AMYL FORMATE <i>FORMIC ACID, PENTYL ESTER</i> | | 638-49-3 | 1109 | F3 | 3 15 17 |
| 0130 | # AMYL MERCAPTAN <i>1-PENTANETHIOL</i> | | 110-66-7 | 1111 | F3 | 3 4 15 17 |
| 4035 | # tert-AMYL METHYL ETHER <i>BUTANE, 2-METHOXY-2-METHYL-</i> | | 994-05-8 | 3271 | F4 | 2 3 17 |
| 0131 | AMYL NITRATE <i>NITRIC ACID, PENTYL ESTER</i> | | 1002-16-0 | 1112 | | 3 15 17 |

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| 0132 | # AMYL NITRITE <i>NITROUS ACID, 3-METHYL BUTYL ESTER</i> | | 110-46-3 | 1113 | F3 R2 | 3 15 17 |
| 0134 | # AMYL TRICHLOROSILANE <i>SILANE, TRICHLOROPENTYL-</i> | | 107-72-2 | 1728 | CO R2 | 3 15 17 |
| 0135 | # ANILINE <i>BENZENAMINE</i> | | 62-53-3 | 1547 | CA | 1 2 3 4 6 7 8 15 17 18 19 20 21 |
| 0137 | ANISOLE <i>BENZENE, METHOXY-</i> | | 100-66-3 | 2222 | | 3 15 17 |
| 0138 | # ANISOYL CHLORIDE <i>BENZOYL CHLORIDE, METHOXY-</i> | | 1300-64-7 | 1729 | CO R3 | 3 17 |
| 0141 | ANTIMONY <i>ANTIMONY</i> | | 7440-36-0 | 2871 | | 1 2 3 4 6 8 17 18 20 |
| 0163 | # ARSINE <i>ARSINE</i> | | 7784-42-1 | 2188 | CA F4 R2 | 1 2 3 4 5 6 7 8 15 17 19 22 |
| 3172 | # ASPHALT (CUTBACK) see Fact Sheet # 0170 on ASPHALT | | 308062-76-2 | 1999 | F3 | 3 15 17 |
| 0179 | # AZODIISOBUTYRONITRILE <i>PROPANENITRILE, 2,2'-AZOBIS 2-METHYL-</i> | | 78-67-1 | 1325 | F3 R3 | 3 15 17 |

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| 0180 | # BARIUM <i>BARIUM</i> | | 7440-39-3 | 1400 | F3 R2 | 1 2 3 4 6 8 17 18 |
| 0181 | # BARIUM AZIDE <i>BARIUM AZIDE (Ba(N3)2)</i> | | 18810-58-7 | 1571 | F4 R3 | 1 2 3 4 6 8 17 18 |
| 0196 | BENZALDEHYDE <i>BENZALDEHYDE</i> | | 100-52-7 | 1990 | | 3 8 15 17 |
| 0194 | # BENZ(a)ANTHRACENE, 7,12-DIMETHYL- <i>BENZ[a]ANTHRACENE, 7,12-DIMETHYL-</i> | | 57-97-6 | 3077 | CA MU TE | 3 6 17 18 20 21 |
| 0197 | # BENZENE <i>BENZENE</i> | | 71-43-2 | 1114 | CA MU F3 | 1 2 3 4 5 6 7 8 15 17 18 20 21 |
| 0203 | # BENZENETHIOL <i>BENZENETHIOL</i> | | 108-98-5 | 2337 | F3 | 2 3 4 6 17 19 20 21 |
| 0211 | BENZONITRILE <i>BENZONITRILE</i> | | 100-47-0 | 2224 | | 3 17 20 |
| 1460 | p-BENZOQUINONE <i>2,5-CYCLOHEXADIENE-1,4-DIONE</i> | | 106-51-4 | 2587 | | 1 2 3 4 6 7 8 15 17 18 20 21 22 |
| 0213 | # BENZOTRIFLUORIDE <i>BENZENE, (TRIFLUOROMETHYL)-</i> | | 98-08-8 | 2338 | F3 | 3 15 17 |

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| 0214 # | BENZOYL CHLORIDE <i>BENZOYL CHLORIDE</i> | | 98-88-4 | 1736 | CA CO R2 | 2 3 6 7 15 17 18 20 |
| 0215 # | BENZOYL PEROXIDE <i>PEROXIDE, DIBENZOYL</i> | | 94-36-0 | 3104 | F4 R4 | 1 2 3 4 6 7 17 18 |
| 4052 | BENZYL ACETATE <i>ACETIC ACID, PHENYLMETHYL ESTER</i> | | 140-11-4 | 1993 | | 2 3 7 15 17 |
| 0216 # | BENZYL BROMIDE <i>BENZENE, (BROMOMETHYL)-</i> | | 100-39-0 | 1737 | CO | 3 17 |
| 0217 # | BENZYL CHLORIDE <i>BENZENE, (CHLOROMETHYL)-</i> | | 100-44-7 | 1738 | CA CO MU | 1 2 3 4 6 7 8 15 17 18 19 20 21 |
| 0218 # | BENZYL CHLOROFORMATE <i>CARBOCHLORIDIC ACID, PHENYLMETHYL ESTER</i> | | 501-53-1 | 1739 | CO | 3 17 |
| 0219 # | BENZYL DIMETHYLAMINE <i>BENZENEMETHANAMINE, N,N-DIMETHYL-</i> | | 103-83-3 | 2619 | CO | 3 17 |
| 3194 | BIPHENTHRIN <i>CYCLOPROPANECARBOXYLIC ACID, 3-[(1Z)-2-CHLORO-3,3,3-TRIFLUORO-1-PROPENYL]-2,2-DIMETHYL-(2-METHYL[1,1'-BIPHENYL]-3-YL)METHYL ESTER, (1R,3R)-REL-</i> | | 82657-04-3 | 3349 | | 3 6 8 17 18 |
| 0230 # | BIS(AMINOPROPYL)AMINE <i>1,3-PROPANEDIAMINE, N-(3-AMINOPROPYL)-</i> | | 56-18-8 | 2269 | CO | 3 17 |

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| 0232 # | BIS (2-CHLOROETHYL) ETHER <i>ETHANE, 1,1'-OXYBIS[2-CHLORO-</i> | | 111-44-4 | 1916 | CA | 1 2 3 4 6 7 8 15 17 18 19 20 21 |
| 0234 # | BIS(CHLOROMETHYL)ETHER <i>METHANE, OXYBIS[CHLORO-</i> | | 542-88-1 | 2249 | CA F3 | 1 2 3 4 5 6 7 8 15 17 18 19 20 21 22 |
| 0235 | BIS(2-CHLORO-1-METHYLETHYL)ETHER <i>PROPANE, 2,2'-OXYBIS[1-CHLORO-</i> | | 108-60-1 | 2354 | | 3 6 7 8 15 17 18 20 21 |
| 2170 | BIS(CHLOROMETHYL)KETONE <i>2-PROPANONE, 1,3-DICHLORO-</i> | | 534-07-6 | 2649 | | 3 6 17 19 |
| 0236 # | 1,2-BIS-(DIMETHYLAMINO)-ETHANE <i>1,2-ETHANEDIAMINE, N,N,N',N'-TETRAMETHYL-</i> | | 110-18-9 | 2372 | F3 | 3 17 |
| 2388 | BISPHENOL A <i>PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS-</i> | | 80-05-7 | | | 6 8 18 |
| 0242 | BORNEOL <i>BICYCLO [2.2.1]HEPTAN-2-OL, 1,7,7-TRIMETHYL-, (1R,2S,4R)-rel-</i> | | 507-70-0 | 1312 | | 3 15 17 |
| 0248 # | BORON TRIFLUORIDE DIETHYL ETHERATE <i>BORON, TRIFLUORO[1,1'-OXYBIS[ETHANE]] -, (T-4)-</i> | | 109-63-7 | 2604 | CO R2 | 3 8 15 17 |
| 0250 # | BORON TRIFLUORIDE DIMETHYL ETHERATE <i>BORON, TRIFLUORO[OXYBIS [METHANE]] -, (T-4)-</i> | | 353-42-4 | 2965 | CO F3 R2 | 3 6 8 17 19 |

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| 0256 | BROMOACETONE <i>2-PROPANONE, 1-BROMO-</i> | | 598-31-2 | 1569 | | 3 17 20 21 |
| 0258 | BROMOBENZENE <i>BENZENE, BROMO-</i> | | 108-86-1 | 2514 | | 3 15 17 |
| 0260 | # 2-BROMOBUTANE <i>BUTANE, 2-BROMO-</i> | | 78-76-2 | 2339 | F3 | 3 17 |
| 2966 | p-BROMODIPHENYL ETHER <i>BENZENE, 1-BROMO-4-PHENOXY-</i> | | 101-55-3 | 3082 | | 3 8 17 20 21 |
| 0261 | # BROMOETHYL ETHYL ETHER <i>ETHANE, 1-BROMO-2-ETHOXY-</i> | | 592-55-2 | 2340 | F3 | 3 17 |
| 0263 | # 1-BROMO-3-METHYL BUTANE <i>BUTANE, 1-BROMO-3-METHYL-</i> | | 107-82-4 | 2341 | F3 | 3 17 |
| 0265 | # 1-BROMO-2-METHYLPROPANE <i>PROPANE, 1-BROMO-2-METHYL-</i> | | 78-77-3 | 2342 | F3 | 3 17 |
| 0264 | # 2-BROMO-2-METHYLPROPANE <i>PROPANE, 2-BROMO-2-METHYL-</i> | | 507-19-7 | 2342 | F3 | 3 17 |
| 0266 | # 2-BROMOPENTANE <i>PENTANE, 2-BROMO-</i> | | 107-81-3 | 2343 | F3 | 3 17 |

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| 0267 | # 2-BROMOPROPANE <i>PROPANE, 2-BROMO-</i> | | 75-26-3 | 2344 | F3 | 3 17 |
| 4198 | # 1-BROMOPROPANE <i>PROPANE, 1-BROMO-</i> | | 106-94-9 | 2344 | F3 | 2 3 17 |
| 0268 | # 3-BROMOPROPYNE <i>1-PROPYNE, 3-BROMO-</i> | | 106-96-7 | 2345 | F3 R4 | 3 6 15 17 19 |
| 0269 | # BROMOTRIFLUOROETHYLENE <i>ETHENE, BROMOTRIFLUORO-</i> | | 598-73-2 | 2419 | F4 R2 | 3 6 17 22 |
| 0272 | # 1,3-BUTADIENE <i>1,3-BUTADIENE</i> | | 106-99-0 | 1010 | CA MU F4 R2 | 1 2 3 4 5 6 7 8 15 17 18 20 22 |
| 4187 | # BUTADIENE MONOXIDE <i>OXIRANE, ETHENYL-</i> | | 930-22-3 | | F3 R2 | 15 |
| 0273 | # BUTANE <i>BUTANE</i> | | 106-97-8 | 1011 | F4 | 2 3 4 6 15 17 22 |
| 0274 | # BUTANEDIONE <i>2,3-BUTANEDIONE</i> | | 431-03-8 | 2346 | F3 | 3 15 17 |
| 4186 | # 2-BUTANETHIOL <i>2-BUTANETHIOL</i> | | 513-53-1 | 2347 | F3 | 3 15 17 |

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| 3600 # | 1-BUTENE <i>1-BUTENE</i> | | 106-98-9 | 1012 | F4 | 2 3 6 15 17 22 |
| 3601 # | 2-BUTENE <i>2-BUTENE</i> | | 107-01-7 | 1075 | F4 | 2 3 6 17 22 |
| 3602 # | 2-BUTENE-cis <i>2-BUTENE, (2Z)-</i> | | 590-18-1 | 1075 | F4 | 2 3 6 15 17 22 |
| 3603 # | 2-BUTENE-trans <i>2-BUTENE, (2E)-</i> | | 624-64-6 | 1075 | F4 | 2 3 6 15 17 22 |
| 0275 # | 2-BUTOXY ETHANOL <i>ETHANOL, 2-BUTOXY-</i> | | 111-76-2 | 2369 | CA | 1 2 3 4 8 15 17 |
| 4055 | 2-BUTOXYETHYL ACETATE <i>ETHANOL, 2-BUTOXY-, ACETATE</i> | | 112-07-2 | 1993 | | 2 3 4 15 17 |
| 0276 | BUTOXYL <i>1-BUTANOL, 3-METHOXY-, ACETATE</i> | | 4435-53-4 | 2708 | | 3 15 17 |
| 1329 # | n-BUTYL ACETATE <i>ACETIC ACID, BUTYL ESTER</i> | | 123-86-4 | 1123 | F3 | 1 2 3 4 15 17 20 |
| 1644 # | sec-BUTYL ACETATE <i>ACETIC ACID, 1-METHYLPROPYL ESTER</i> | | 105-46-4 | 1123 | F3 | 1 2 3 4 15 17 20 |

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| 1786 # | tert-BUTYL ACETATE <i>ACETIC ACID, 1,1-DIMETHYLETHYL ESTER</i> | | 540-88-5 | 1123 | F3 | 1 2 3 4 17 20 |
| 0278 # | BUTYL ACRYLATE <i>2-PROPENOIC ACID, BUTYL ESTER</i> | | 141-32-2 | 2348 | F3 R2 | 2 3 4 6 7 15 17 18 |
| 1330 # | n-BUTYL ALCOHOL <i>1-BUTANOL</i> | | 71-36-3 | 1120 | F3 | 1 2 3 4 6 8 15 17 18 20 21 |
| 1645 # | sec-BUTYL ALCOHOL <i>2-BUTANOL</i> | | 78-92-2 | 1120 | F3 | 1 2 3 4 6 15 17 18 |
| 1787 # | tert-BUTYL ALCOHOL <i>2-PROPANOL, 2-METHYL-</i> | | 75-65-0 | 1120 | F3 | 1 2 3 4 6 15 17 18 |
| 0279 | BUTYL ALDEHYDE OXIME <i>BUTANAL, OXIME</i> | | 110-69-0 | 2840 | | 3 15 17 |
| 0280 # | BUTYLAMINE <i>1-BUTANAMINE</i> | | 109-73-9 | 1125 | F3 | 1 2 3 4 15 17 20 |
| 3059 # | sec-BUTYLAMINE <i>2-BUTANAMINE</i> | | 13952-84-6 | 2924 | F3 | 3 15 17 20 |
| 3025 # | tert-BUTYLAMINE <i>2-PROPANAMINE, 2-METHYL-</i> | | 75-64-9 | 2733 | CO F3 | 3 15 17 20 |

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| 4181 | # tert-BUTYLAMINOETHYL METHACRYLATE <i>2-PROPENOIC ACID, 2-METHYL-, 2-[1,1-DIMETHYLETHYL]AMINO]ETHYL ESTER</i> | | 3775-90-4 | 1760 | CO R2 | 3 15 17 |
| 0282 | # BUTYL BENZENE <i>BENZENE, BUTYL-</i> | | 104-51-8 | 2709 | | 3 15 17 |
| 4178 | # tert-BUTYLBENZENE <i>BENZENE, (1,1-DIMETHYLETHYL)-</i> | | 98-06-6 | 2709 | F3 | 3 15 17 |
| 0283 | # BUTYL BROMIDE <i>BUTANE, 1-BROMO-</i> | | 109-65-9 | 1126 | F3 | 3 15 17 |
| 4177 | # tert-BUTYL CARBINOL <i>1-PROPANOL, 2,2-DIMETHYL-</i> | | 75-84-3 | 1325 | F3 | 3 15 17 |
| 0284 | # BUTYL CHLORIDE <i>BUTANE, 1-CHLORO-</i> | | 109-69-3 | 1127 | F3 | 3 15 17 |
| 3215 | # tert-BUTYL CHLORIDE <i>PROPANE, 2-CHLORO-2-METHYL-</i> | | 507-20-0 | 1127 | F3 | 3 8 15 17 |
| 3216 | # sec-BUTYLCHLOROFORMATE <i>CARBONCHLORIDIC ACID, 1-METHYLPROPYL ESTER</i> | | 17462-58-7 | 2742 | F3 | 3 17 |
| 0286 | # BUTYLENE <i>BUTENE</i> | | 25167-67-3 | 1012 | F4 | 2 3 6 17 22 |

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|------------------|--|------------|------------|------|-------------|------------------------|
| 0287 | # 1,2-BUTYLENE OXIDE <i>OXIRANE, ETHYL-</i> | | 106-88-7 | 3022 | CA MU F3 R2 | 3 6 7 8 15 17 18 20 |
| 4176 | # 2,3-BUTYLENE OXIDE <i>OXIRANE, 2,3-DIMETHYL-, (2R, 3R)-rel-</i> | | 21490-63-1 | | F3 | 15 |
| 0288 | # BUTYL ETHER <i>BUTANE, 1,1'-OXYBIS-</i> | | 142-96-1 | 1149 | F3 | 3 15 17 |
| 0289 | # BUTYL FORMATE <i>FORMIC ACID, BUTYL ESTER</i> | | 592-84-7 | 1128 | F3 | 3 15 17 |
| 1331 | n-BUTYL GLYCIDYL ETHER <i>OXIRANE, (BUTOXYMETHYL)-</i> | | 2426-08-6 | | | 1 2 4 |
| 1790 | # tert-BUTYL HYDROPEROXIDE <i>HYDROPEROXIDE, 1,1-DIMETHYLETHYL</i> | | 75-91-2 | 3103 | F4 R4 | 3 15 17 |
| 1332 | # n-BUTYL ISOCYANATE <i>BUTANE, 1-ISOCYANATO-</i> | | 111-36-4 | 2485 | F3 R2 | 3 15 17 |
| 1791 | # tert-BUTYLISOCYANATE <i>PROPANE, 2-ISOCYANATO-2-METHYL-</i> | | 1609-86-5 | 2484 | F3 | 3 17 |
| 2189 | BUTYL ISOVALERATE <i>BUTANOIC ACID, 3-METHYL-, BUTYL ESTER</i> | | 109-19-3 | 1993 | | 3 15 17 |

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|------------------|---|------------|----------|------|-------|---------------|
| 1333 | n-BUTYL LACTATE <i>PROPANOIC ACID, 2-HYDROXY-, BUTYL ESTER</i> | | 138-22-7 | 1993 | | 2 3 4 15 17 |
| 2190 | # BUTYL LITHIUM <i>LITHIUM, BUTYL-</i> | | 109-72-8 | 2445 | F4 R2 | 3 15 17 |
| 0290 | # BUTYL MERCAPTAN <i>1-BUTANETHIOL</i> | | 109-79-5 | 2347 | F3 | 1 2 3 4 15 17 |
| 0291 | # BUTYL METHACRYLATE <i>2-PROPENOIC ACID, 2-METHYL-, BUTYL ESTER</i> | | 97-88-1 | 2227 | R2 | 3 15 17 |
| 3104 | # BUTYL METHYL ETHER <i>BUTANE, 1-METHOXY-</i> | | 628-28-4 | 2350 | F3 | 3 17 |
| 4175 | # BUTYL NITRATE <i>NITRIC ACID, BUTYL ESTER</i> | | 928-45-0 | | F3 R3 | 15 |
| 0292 | # BUTYL NITRITE <i>NITROUS ACID, BUTYL ESTER</i> | | 544-16-1 | 2351 | F3 R3 | 3 17 |
| 1793 | # tert-BUTYL PEROXYACETATE <i>ETHANEPEROXOIC ACID, 1,1-DIMETHYLETHYL ESTER</i> | | 107-71-1 | 3101 | F3 R4 | 3 15 17 |
| 1794 | # tert-BUTYL PEROXYBENZOATE <i>BENZENECARBOPEROXOIC ACID, 1,1-DIMETHYLETHYL ESTER</i> | | 614-45-9 | 3103 | F3 R3 | 3 15 17 |

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|------------------|---|------------|-----------|------|-------|--------------|
| 1800 | # tert-BUTYL PEROXYPIVALATE <i>PROPANEPEROXOIC ACID, 2,2-DIMETHYL-, 1,1-DIMETHYLETHYL ESTER</i> | | 927-07-1 | 3113 | F3 R3 | 3 15 17 |
| 0295 | # BUTYL PROPIONATE <i>PROPANOIC ACID, BUTYL ESTER</i> | | 590-01-2 | 1914 | F3 | 3 15 17 |
| 1620 | # p-tert-BUTYL TOLUENE <i>BENZENE, 1-(1,1-DIMETHYLETHYL)-4-METHYL-</i> | | 98-51-1 | 2667 | | 1 2 3 4 17 |
| 0296 | # BUTYL TRICHLOROSILANE <i>SILANE, BUTYLTRICHLORO-</i> | | 7521-80-4 | 1747 | CO | 3 15 17 |
| 2198 | # tert-BUTYL-2,4,6-TRINITRO-m-XYLENE <i>BENZENE, 1-(1,1-DIMETHYLETHYL)-3,5-DIMETHYL-2,4,6-TRINITRO-</i> | | 81-15-2 | 2956 | F3 | 3 7 17 |
| 0297 | # BUTYL VINYL ETHER <i>BUTANE, 1-(ETHENYLOXY)-</i> | | 111-34-2 | 2352 | F3 | 3 15 17 |
| 0299 | # BUTYRALDEHYDE <i>BUTANAL</i> | | 123-72-8 | 1129 | F3 | 3 6 15 17 18 |
| 0300 | # BUTYRIC ACID <i>BUTANOIC ACID</i> | | 107-92-6 | 2820 | CO | 3 15 17 20 |
| 0301 | # BUTYRIC ANHYDRIDE <i>BUTANOIC ACID, ANHYDRIDE</i> | | 106-31-0 | 2739 | CO | 3 15 17 |

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|------------------|---|------------|------------|------|----------|--------------------------------|
| 0302 | # BUTYRONITRILE <i>BUTANENITRILE</i> | | 109-74-0 | 2411 | F3 | 3 4 15 17 |
| 0303 | # BUTYRYL CHLORIDE <i>BUTANOYL CHLORIDE</i> | | 141-75-3 | 2353 | F3 R2 | 3 17 |
| 0305 | # CADMIUM <i>CADMIUM</i> | | 7440-43-9 | 2570 | CA TE F3 | 1 2 3 4 5 6 7 8 14 17 18 20 |
| 0312 | # CALCIUM CARBIDE <i>CALCIUM CARBIDE (CaC2)</i> | | 75-20-7 | 1402 | F3 R2 | 3 15 17 20 |
| 2202 | # CALCIUM DITHIONITE <i>DITHIONOUS ACID, CALCIUM SALT (1:1)</i> | | 15512-36-4 | 1923 | F3 | 3 17 |
| 0320 | # CALCIUM HYDRIDE <i>CALCIUM HYDRIDE (CaH2)</i> | | 7789-78-8 | 1404 | F3 R2 | 3 17 |
| 0329 | # CALCIUM PHOSPHIDE <i>CALCIUM PHOSPHIDE (Ca3P2)</i> | | 1305-99-3 | 1360 | F3 R2 | 3 17 |
| 0330 | # CALCIUM RESINATE <i>RESIN ACIDS and ROSIN ACIDS, CALCIUM SALTS</i> | | 9007-13-0 | 1313 | F3 | 3 17 |
| 0332 | # CALCIUM SILICIDE <i>CALCIUM SILICIDE (CaSi2)</i> | | 12013-56-8 | 1405 | F3 | 3 17 |

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| 0334 | CAMPHOR <i>BICYCLO [2.2.1]HEPTAN-2-ONE, 1,7,7-TRIMETHYL-</i> | | 76-22-2 | 2717 | | 1 2 3 4 15 17 |
| 0335 | CAMPHOR OIL <i>OILS, CAMPHOR</i> | | 8008-51-3 | 1130 | | 3 15 17 |
| 4174 | # CAPRYLOYL CHLORIDE <i>OCTANOYL CHLORIDE</i> | | 111-64-8 | 1760 | CO | 3 15 17 |
| 0344 | # CARBON DISULFIDE <i>CARBON DISULFIDE</i> | | 75-15-0 | 1131 | TE F4 | 1 2 3 4 6 8 14 15 17 18 19 20 21 22 |
| 0345 | # CARBON MONOXIDE <i>CARBON MONOXIDE</i> | | 630-08-0 | 1016 | TE F4 | 1 2 3 4 15 17 |
| 0349 | # CARBONYL SULFIDE <i>CARBON OXIDE SULFIDE (COS)</i> | | 463-58-1 | 2204 | F4 | 3 6 8 15 17 18 20 22 |
| 0352 | # CERIUM <i>CERIUM</i> | | 7440-45-1 | 1333 | F3 R3 | 3 17 |
| 0353 | # CESIUM <i>CESIUM</i> | | 7440-46-2 | 1407 | F3 R3 | 3 17 |
| 0356 | CHLORAL <i>ACETALDEHYDE, TRICHLORO-</i> | | 75-87-6 | 2075 | | 3 7 17 20 21 |

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|------------------|---|------------|------------|------|-------|-------------------------------|
| 0368 # | CHLORINE DIOXIDE <i>CHLORINE OXIDE (ClO2)</i> | | 10049-04-4 | 9191 | F4 R3 | 1 2 3 4 6 8 17 18 22 |
| 3604 # | CHLORINE MONOXIDE <i>CHLORINE OXIDE (Cl2O)</i> | | 7791-21-1 | | F4 R3 | 6 15 |
| 0372 | CHLOROACETALDEHYDE <i>ACETALDEHYDE, CHLORO-</i> | | 107-20-0 | 2232 | | 1 2 3 4 17 20 21 |
| 0374 # | CHLOROACETONE <i>2-PROPANONE, 1-CHLORO-</i> | | 78-95-5 | 1695 | F3 | 2 3 17 |
| 0375 | CHLOROACETONITRILE <i>ACETONITRILE, CHLORO-</i> | | 107-14-2 | 2668 | | 3 7 15 17 |
| 0379 # | CHLOROBENZENE <i>BENZENE, CHLORO-</i> | | 108-90-7 | 1134 | F3 | 1 2 3 4 6 8 15 17 18 20 21 |
| 0380 | CHLOROBENZOTRIFLUORIDE <i>BENZENE, CHLORO(TRIFLUOROMETHYL)-</i> | | 52181-51-8 | 2234 | | 3 15 17 |
| 3232 # | 2-CHLOROBUTANE <i>BUTANE, 2-CHLORO-</i> | | 78-86-4 | 1127 | F3 | 3 8 15 17 |
| 4172 # | CHLORODIETHYLSILANE <i>SILANE, CHLORODIETHYL-</i> | | 1609-19-4 | 2920 | CO F3 | 3 15 17 |

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|------------------|---|------------|------------|------|-------------|---------------------------------------|
| 0385 # | CHLORODIFLUOROETHANE <i>ETHANE, 1-CHLORO-1,1-DIFLUORO-</i> | | 75-68-3 | 2517 | F4 | 3 6 8 15 17 18 |
| 2954 # | 2-CHLOROETHYL VINYL ETHER <i>ETHENE, (2-CHLOROETHOXY)-</i> | | 110-75-8 | 1993 | F3 R2 | 3 15 17 20 21 |
| 4173 # | 1-CHLOROHEXANE <i>HEXANE, 1-CHLORO-</i> | | 544-10-5 | 1993 | F3 | 3 15 17 |
| 0390 # | CHLOROMETHYL ETHYL ETHER <i>ETHANE, (CHLOROMETHOXY)-</i> | | 3188-13-4 | 2354 | F3 | 3 17 |
| 0391 # | CHLOROMETHYL METHYL ETHER <i>METHANE, CHLOROMETHOXY-</i> | | 107-30-2 | 1239 | CA CO F3 R2 | 1 2 3 4 5 6 7 15 17 18 19 20 21 22 |
| 0392 | 3-CHLORO-4-METHYL PHENYL ISOCYANATE <i>BENZENE, 2-CHLORO-4-ISOCYANATO-1-METHYL-</i> | | 28479-22-3 | 2236 | | 3 17 |
| 0395 # | 1-CHLORO-1-NITROPROPANE <i>PROPANE, 1-CHLORO-1-NITRO-</i> | | 600-25-9 | 1993 | R3 | 1 2 3 4 7 15 17 |
| 0403 | 2-CHLOROPHENOL <i>PHENOL, 2-CHLORO-</i> | | 95-57-8 | 2020 | | 3 6 8 15 17 20 21 |
| 2957 | 4-CHLOROPHENYL PHENYL ETHER <i>BENZENE, 1-CHLORO-4-PHENOXY-</i> | | 7005-72-3 | 3271 | | 3 17 20 |

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|------------------|---|------------|-----------|------|-------|------------------------------|
| 3235 # | CHLOROPIVALOYL CHLORIDE <i>PROPANOYL CHLORIDE, 3-CHLORO-2,2-DIMETHYL-</i> | | 4300-97-4 | 9263 | CO F3 | 3 17 |
| 0407 # | CHLOROPRENE <i>1,3-BUTADIENE, 2-CHLORO-</i> | | 126-99-8 | 1991 | CA F3 | 1 2 3 4 5 6 7 15 17 18 20 |
| 2241 # | 2-CHLOROPROPANE <i>PROPANE, 2-CHLORO-</i> | | 75-29-6 | 2356 | F4 | 3 6 15 17 22 |
| 1610 # | 1-CHLORO-2-PROPANOL <i>2-PROPANOL, 1-CHLORO-</i> | | 127-00-4 | 2611 | MU | 2 3 15 17 |
| 0408 | 3-CHLOROPROPANOL <i>1-PROPANOL, 3-CHLORO-</i> | | 627-30-5 | 2849 | | 3 17 |
| 0409 # | 2-CHLOROPROPENE <i>1-PROPENE, 2-CHLORO-</i> | | 557-98-2 | 2456 | F4 | 3 6 15 17 22 |
| 2711 | 3-CHLOROPROPIONITRILE <i>PROPANENITRILE, 3-CHLORO-</i> | | 542-76-7 | 2810 | | 3 6 15 17 18 19 20 21 |
| 3605 # | 1-CHLOROPROPYLENE <i>1-PROPENE, 1-CHLORO-</i> | | 590-21-6 | | F4 | 6 15 22 |
| 0411 | 2-CHLOROPYRIDINE <i>PYRIDINE, 2-CHLORO-</i> | | 109-09-1 | 2822 | | 3 17 |

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|------------------|--|------------|------------|------|-------|-------------------------|
| 1424 | o-CHLOROSTYRENE <i>BENZENE, 1-CHLORO-2-ETHENYL-</i> | | 2039-87-4 | | | 2 4 |
| 1425 | o-CHLOROTOLUENE <i>BENZENE, 1-CHLORO-2-METHYL-</i> | | 95-49-8 | 2238 | | 2 3 4 8 17 |
| 0416 | CHLOROTOLUENES <i>BENZENE, CHLOROMETHYL-</i> | | 25168-05-2 | 2238 | | 3 15 17 |
| 0432 | # CHROMIUM <i>CHROMIUM</i> | | 7440-47-3 | 3089 | F3 | 1 2 3 4 6 7 17 18 20 |
| 0519 | # COAL TAR PITCH <i>PITCH, COAL TAR</i> | | 65996-93-2 | | CA F3 | 1 2 4 5 7 15 |
| 4005 | # COAL TARS <i>TAR, COAL</i> | | 8007-45-2 | 1999 | CA F3 | 3 5 7 8 15 17 |
| 0520 | # COBALT <i>COBALT</i> | | 7440-48-4 | | CA F3 | 1 2 4 6 7 18 20 |
| 0523 | # COBALT NAPHTHENATE <i>NAPHTHENIC ACIDS, COBALT SALTS</i> | | 61789-51-3 | 2001 | CA | 3 6 7 15 17 18 20 |
| 2262 | # COBALT RESINATE, PRECIPITATED <i>RESIN ACIDS AND ROSIN ACIDS, COBALT SALTS</i> | | 68956-82-1 | 1318 | F4 R2 | 3 6 17 18 20 |

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| 0527 | # COKE OVEN EMISSIONS | | | | CA F4 | 1 4 5 7 8 15 20 |
| 0517 | # CREOSOTE <i>CREOSOTE</i> | | 8001-58-9 | 1993 | CA | 3 6 7 8 15 17 18 20 21 |
| 1161 | # m-CRESOL see Fact Sheet # 0537 on CRESOLS (mixed isomers) <i>PHENOL, 3-METHYL-</i> | | 108-39-4 | 2076 | CA | 1 2 3 4 6 8 15 17 18 20 21 |
| 1426 | # o-CRESOL see Fact Sheet # 0537 on CRESOLS (mixed isomers) <i>PHENOL, 2-METHYL-</i> | | 95-48-7 | 2076 | CA | 1 2 3 4 6 8 15 17 18 19 20 21 |
| 1468 | # p-CRESOL see Fact Sheet # 0537 on CRESOLS (mixed isomers) <i>PHENOL, 4-METHYL-</i> | | 106-44-5 | 2076 | CA | 1 2 3 4 6 8 15 17 18 20 21 |
| 0537 | # CRESOLS (mixed isomers) <i>PHENOL, METHYL-</i> | | 1319-77-3 | 2076 | CO | 1 2 3 4 6 8 15 17 18 20 21 |
| 2888 | # CROTONALDEHYDE see Fact Sheet # 0538 on CROTONALDEHYDE, (E)- <i>2-BUTENAL</i> | | 4170-30-3 | 1143 | MU F3 R2 | 1 2 3 4 6 7 15 17 18 19 21 22 |
| 0538 | # CROTONALDEHYDE, (E)- <i>2-BUTENAL, (2E)-</i> | | 123-73-9 | 1143 | CA MU F3 R2 | 1 2 3 4 6 7 8 15 17 19 20 22 |
| 0539 | # CROTONIC ACID <i>2-BUTENOIC ACID</i> | | 3724-65-0 | 2823 | CO | 3 15 17 |

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|------------------|---|------------|------------|------|-------|-------------------------------|
| 4170 # | CROTONONITRILE <i>2-BUTENENITRILE</i> | | 4786-20-3 | 2924 | F3 | 3 15 17 |
| 4169 # | CROTONYL ALCOHOL <i>2-BUTEN-1-OL</i> | | 6117-91-5 | 2614 | F3 | 3 15 17 |
| 0540 # | CROTONYLENE <i>2-BUTYNE</i> | | 503-17-3 | 1144 | F4 R3 | 3 15 17 |
| 4168 # | 1-CROTYL CHLORIDE <i>2-BUTENE, 1-CHLORO-</i> | | 591-97-9 | | F3 | 15 |
| 0542 # | CUMENE <i>BENZENE, (1-METHYLETHYL)-</i> | | 98-82-8 | 1918 | F3 | 1 2 3 4 6 8 15 17 18 20 21 |
| 0543 # | CUMENE HYDROPEROXIDE <i>HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL</i> | | 80-15-9 | 3109 | R4 | 3 6 15 17 18 20 21 |
| 0551 # | CUPRIETHYLENEDIAMINE <i>COPPER(2+), BIS(1,2-ETHANEDIAMINE-.kappa.N,.kappa.N')</i> | | 13426-91-0 | 1761 | CO | 3 6 17 18 20 |
| 0552 # | CYANAMIDE <i>CYANAMIDE</i> | | 420-04-2 | | F3 | 2 4 15 |
| 0554 # | CYANOGEN <i>ETHANEDINITRILE</i> | | 460-19-5 | 1026 | F4 R2 | 2 3 4 6 8 15 17 20 21 22 |

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| 0559 # | CYCLOBUTANE <i>CYCLOBUTANE</i> | | 287-23-0 | 2601 | F4 | 3 15 17 |
| 0561 | 1,5,9-CYCLODODECATRIENE <i>1,5,9-CYCLODODECATRIENE</i> | | 4904-61-4 | 2518 | | 3 15 17 |
| 0562 # | CYCLOHEPTANE <i>CYCLOHEPTANE</i> | | 291-64-5 | 2241 | F3 | 3 15 17 |
| 0563 # | CYCLOHEPTATRIENE <i>1,3,5-CYCLOHEPTATRIENE</i> | | 544-25-2 | 2603 | F3 | 3 17 |
| 0564 # | CYCLOHEPTENE <i>CYCLOHEPTENE</i> | | 628-92-2 | 2242 | F3 | 3 17 |
| 0565 # | CYCLOHEXANE <i>CYCLOHEXANE</i> | | 110-82-7 | 1145 | F3 | 1 2 3 4 6 8 15 17 18 20 21 |
| 0568 | CYCLOHEXANETHIOL <i>CYCLOHEXANETHIOL</i> | | 1569-69-3 | 3054 | | 3 4 15 17 |
| 0569 | CYCLOHEXANOL <i>CYCLOHEXANOL</i> | | 108-93-0 | 1993 | | 1 2 3 4 6 15 17 18 |
| 0570 | CYCLOHEXANONE <i>CYCLOHEXANONE</i> | | 108-94-1 | 1915 | | 1 2 3 4 7 8 15 17 20 21 |

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|------------------|--|------------|------------|------|----------|-----------------------|
| 0572 # | CYCLOHEXENE <i>CYCLOHEXENE</i> | | 110-83-8 | 2256 | F3 | 1 2 3 4 15 17 |
| 0573 # | CYCLOHEXENYL TRICHLOROSILANE <i>SILANE, TRICHLORO-3-CYCLOHEXEN-1-YL-</i> | | 10137-69-6 | 1762 | CO | 3 17 |
| 0575 | CYCLOHEXYL ACETATE <i>ACETIC ACID, CYCLOHEXYL ESTER</i> | | 622-45-7 | 2243 | | 3 15 17 |
| 0576 # | CYCLOHEXYLAMINE <i>CYCLOHEXANAMINE</i> | | 108-91-8 | 2357 | CO MU F3 | 2 3 4 6 8 15 17 19 |
| 4167 # | CYCLOHEXYL CHLORIDE <i>CYCLOHEXANE, CHLORO-</i> | | 542-18-7 | | F3 | 15 |
| 0577 | CYCLOHEXYL ISOCYANATE <i>CYCLOHEXANE, ISOCYANATO-</i> | | 3173-53-3 | 2488 | | 3 17 |
| 0578 # | CYCLOHEXYL TRICHLOROSILANE <i>SILANE, TRICHLOROCYCLOHEXYL-</i> | | 98-12-4 | 1763 | CO | 3 15 17 |
| 0580 # | 1,5-CYCLOOCTADIENE <i>1,5-CYCLOOCTADIENE</i> | | 111-78-4 | 2520 | F3 | 3 15 17 |
| 0581 # | CYCLOOCTATETRAENE <i>1,3,5,7-CYCLOOCTATETRAENE</i> | | 629-20-9 | 2358 | F3 | 3 17 |

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| 0582 | # CYCLOPENTADIENE <i>1,3-CYCLOPENTADIENE</i> | | 542-92-7 | | F3 | 1 2 4 |
| 0583 | # CYCLOPENTANE <i>CYCLOPENTANE</i> | | 287-92-3 | 1146 | F3 | 2 3 4 15 17 |
| 0584 | CYCLOPENTANOL <i>CYCLOPENTANOL</i> | | 96-41-3 | 2244 | | 3 15 17 |
| 0585 | # CYCLOPENTANONE <i>CYCLOPENTANONE</i> | | 120-92-3 | 2245 | F3 | 3 15 17 |
| 0586 | # CYCLOPENTENE <i>CYCLOPENTENE</i> | | 142-29-0 | 2246 | F3 | 3 15 17 |
| 0588 | # CYCLOPROPANE <i>CYCLOPROPANE</i> | | 75-19-4 | 1027 | F4 | 3 6 15 17 22 |
| 0589 | # CYCLOTETRAMETHYLENETETRANITRAMINE <i>1,3,5,7-TETRAZOCINE, OCTAHYDRO-1,3,5,7-TETRANITRO-</i> | | 2691-41-0 | 0226 | F4 R4 | 3 8 17 |
| 0591 | CYMENE <i>BENZENE, METHYL(1-METHYLETHYL)-</i> | | 25155-15-1 | 2046 | | 3 15 17 |
| 0595 | # DBCP <i>PROPANE, 1,2-DIBROMO-3-CHLORO-</i> | | 96-12-8 | 2872 | CA MU | 1 3 4 5 6 7 8 17 18 20 21 |

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|------------------|---|------------|------------|------|-------|--------------------|
| 0597 | DECABORANE <i>DECABORANE</i> | | 17702-41-9 | 1868 | | 1 2 3 4 6 15 17 19 |
| 0599 | DECAHYDRONAPHTHALENE <i>NAPHTHALENE, DECAHYDRO-</i> | | 91-17-8 | 1147 | | 3 15 17 |
| 0600 | DECANE <i>DECANE</i> | | 124-18-5 | 2247 | | 3 15 17 |
| 0601 | 1-DECANETHIOL <i>1-DECANETHIOL</i> | | 143-10-2 | 1228 | | 3 4 17 |
| 0602 | # DECANOYL PEROXIDE <i>PEROXIDE, BIS(1-OXODECYL)</i> | | 762-12-9 | 3102 | F3 R3 | 3 17 |
| 0605 | # DEUTERIUM <i>DEUTERIUM</i> | | 7782-39-0 | 1957 | F4 | 3 15 17 |
| 0606 | DIACETONE ALCOHOL <i>2-PENTANONE, 4-HYDROXY-4-METHYL-</i> | | 123-42-2 | 1148 | | 1 2 3 4 15 17 |
| 0609 | # DIALLYLAMINE <i>2-PROPEN-1-AMINE, N-2-PROPENYL-</i> | | 124-02-7 | 2359 | F3 R2 | 3 17 |
| 0610 | # DIALLYL ETHER <i>1-PROPENE, 3,3'-OXYBIS-</i> | | 557-40-4 | 2360 | F3 | 3 15 17 |

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|------------------|---|------------|------------|------|-------|--------------------------|
| 0614 | # DIAMYLAMINE <i>1-PENTANAMINE, N-PENTYL-</i> | | 2050-92-2 | 2841 | CO | 3 15 17 |
| 0619 | # DIAZODINITROPHENOL <i>1,2,3-BENZOXADIAZOLE, 5,7-DINITRO-</i> | | 87-31-0 | 0074 | F4 R4 | 3 17 |
| 0620 | # DIAZOMETHANE <i>METHANE, DIAZO-</i> | | 334-88-3 | | F4 R3 | 1 2 4 6 7 8 18 20 |
| 0629 | # DIBORANE <i>DIBORANE</i> | | 19287-45-7 | 1911 | F4 R3 | 1 2 3 4 6 15 17 19 22 |
| 0630 | # DIBROMOBENZENE <i>BENZENE, DIBROMO-</i> | | 26249-12-7 | 2711 | | 3 17 |
| 0632 | # DIBUTYLAMINE <i>1-BUTANAMINE, N-BUTYL-</i> | | 111-92-2 | 2248 | CO | 3 15 17 |
| 4165 | # DI-sec-BUTYLAMINE <i>2-BUTANAMINE, N-(1-METHYLPROPYL)-</i> | | 626-23-3 | 2734 | CO F3 | 3 15 17 |
| 1334 | # DIBUTYLAMINOETHANOL <i>ETHANOL, 2-(DIBUTYLAMINO)-</i> | | 102-81-8 | 2873 | | 2 3 4 15 17 |
| 0815 | # DI-tert-BUTYL PEROXIDE <i>PEROXIDE, BIS(1,1-DIMETHYLETHYL)</i> | | 110-05-4 | 2102 | F3 R4 | 3 15 17 |

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|------------------|--|------------|-----------|------|-------|-----------------------------------|
| 0633 | DIBUTYL PHOSPHATE <i>PHOSPHORIC ACID, DIBUTYL ESTER</i> | | 107-66-4 | | | 1 2 4 15 |
| 0639 | # DICHLOROACETYL CHLORIDE <i>ACETYL CHLORIDE, DICHLORO-</i> | | 79-36-7 | 1765 | CO R2 | 3 15 17 |
| 0640 | # DICHLOROACETYLENE <i>ETHYNE, DICHLORO-</i> | | 7572-29-4 | | F3 R3 | 2 4 7 |
| 0642 | 1,2-DICHLOROBENZENE <i>BENZENE, 1,2-DICHLORO-</i> | | 95-50-1 | 1591 | | 1 2 3 4 6 7 8 15 17 18 20 21 |
| 2301 | 1,3-DICHLOROBENZENE <i>BENZENE, 1,3-DICHLORO-</i> | | 541-73-1 | 1993 | | 3 6 7 8 17 18 20 21 |
| 0643 | # 1,4-DICHLOROBENZENE <i>BENZENE, 1,4-DICHLORO-</i> | | 106-46-7 | 3077 | CA | 1 2 3 4 5 6 7 8 15 17 18 20 21 |
| 4164 | # 1,3-DICHLORO-2-BUTENE <i>2-BUTENE, 1,3-DICHLORO-</i> | | 926-57-8 | 2920 | F3 R2 | 3 15 17 |
| 4163 | 3,4-DICHLOROBUTENE-1 <i>1-BUTENE, 3,4-DICHLORO-</i> | | 760-23-6 | 2920 | | 3 15 17 |
| 2829 | # trans-1,4-DICHLOROBUTENE <i>2-BUTENE, 1,4-DICHLORO-, (2E)-</i> | | 110-57-6 | 2922 | CO | 3 6 7 17 18 19 20 21 |

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|------------------|--|------------|------------|------|----------|--------------------------------------|
| 0651 | # 1,1-DICHLOROETHANE <i>ETHANE, 1,1-DICHLORO-</i> | | 75-34-3 | 2362 | CA F3 | 1 2 3 4 6 8 15 17 18 20 21 |
| 0652 | # 1,2-DICHLOROETHANE <i>ETHANE, 1,2-DICHLORO-</i> | | 107-06-2 | 1184 | CA MU F3 | 1 2 3 4 5 6 7 8 14 15 17 18 20 21 |
| 0653 | # 1,2-DICHLOROETHYLENE <i>ETHENE, 1,2-DICHLORO-</i> | | 540-59-0 | 1150 | F3 R2 | 1 2 3 4 6 8 15 17 18 20 21 |
| 0655 | # 1,1-DICHLORO-1-NITROETHANE <i>ETHANE, 1,1-DICHLORO-1-NITRO-</i> | | 594-72-9 | 2650 | R3 | 1 2 3 4 15 17 |
| 4162 | # 1,1-DICHLORO-1-NITROPROPANE <i>PROPANE, 1,1-DICHLORO-1-NITRO-</i> | | 595-44-8 | | R3 | 15 |
| 0656 | DICHLOROPENTANE <i>PENTANE, DICHLORO-</i> | | 30586-10-8 | 1152 | | 3 15 17 |
| 2982 | # DICHLOROPROPANE <i>PROPANE, DICHLORO-</i> | | 26638-19-7 | 1279 | F3 | 3 17 20 |
| 0664 | # 1,2-DICHLOROPROPANE <i>PROPANE, 1,2-DICHLORO-</i> | | 78-87-5 | 1279 | F3 | 1 2 3 4 6 7 8 15 17 18 20 21 |
| 0665 | 1,3-DICHLOROPROPANOL <i>2-PROPANOL, 1,3-DICHLORO-</i> | | 96-23-1 | 2750 | | 3 15 17 |

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|------------------|--|------------|-----------|------|----------|------------------------------------|
| 0666 # | 1,3-DICHLOROPROPENE <i>1-PROPENE, 1,3-DICHLORO-</i> | | 542-75-6 | 2047 | CA MU F3 | 2 3 4 5 6 7 8 14 15 17 18 20 21 |
| 2929 # | 2,3-DICHLOROPROPENE <i>1-PROPENE, 2,3-DICHLORO-</i> | | 78-88-6 | 2047 | F3 | 3 6 15 17 18 20 |
| 0670 # | DICHLOROSILANE <i>SILANE, DICHLORO-</i> | | 4109-96-0 | 2189 | F4 R2 | 3 6 15 17 22 |
| 0675 | DICOFOL <i>BENZENEMETHANOL, 4-CHLORO-.alpha.-(4-CHLOROPHENYL)-.alpha.-(TRICHLOROMETHYL)-</i> | | 115-32-2 | 2761 | | 3 6 7 8 17 18 20 |
| 0681 # | DICYCLOPENTADIENE <i>4,7-METHANO-1H-INDENE, 3A,4,7,7A-TETRAHYDRO-</i> | | 77-73-6 | 2048 | F3 | 2 3 4 6 15 17 18 |
| 0687 # | DIETHOXYMETHANE <i>ETHANE, 1,1'-[METHYLENEBIS(OXY)]BIS-</i> | | 462-95-3 | 2373 | F3 R3 | 3 17 |
| 0688 # | 3,3-DIETHOXYPROPENE <i>1-PROPENE, 3,3-DIETHOXY-</i> | | 3054-95-3 | 2374 | F3 | 3 17 |
| 0689 # | DIETHYLALUMINUM CHLORIDE <i>ALUMINUM, CHLORODIETHYL-</i> | | 96-10-6 | 3052 | F4 R3 | 2 3 4 15 17 |
| 4160 # | DIETHYLALUMINUM HYDRIDE <i>ALUMINUM, DIETHYLHYDRO-</i> | | 871-27-2 | 3052 | F3 R3 | 2 3 4 15 17 |

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|------------------|--|------------|------------|------|-------|------------------|
| 0690 # | DIETHYLAMINE <i>ETHANAMINE, N-ETHYL-</i> | | 109-89-7 | 1154 | CO F3 | 1 2 3 4 15 17 20 |
| 0691 | DIETHYLAMINOETHANOL <i>ETHANOL, 2-(DIETHYLAMINO)-</i> | | 100-37-8 | 2686 | | 1 2 3 4 15 17 |
| 4159 # | 2-(DIETHYLAMINO) ETHYL ACRYLATE <i>2-PROPENOIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER</i> | | 2426-54-2 | 1993 | R2 | 3 15 17 |
| 0692 # | 3-(DIETHYLAMINO)PROPYLAMINE <i>1,3-PROPANEDIAMINE, N,N-DIETHYL-</i> | | 104-78-9 | 2684 | CO | 3 15 17 |
| 0693 | DIETHYL ANILINE <i>BENZENAMINE, N,N-DIETHYL-</i> | | 91-66-7 | 2432 | | 3 15 17 20 |
| 2962 # | DIETHYLARSINE <i>ARSINE, DIETHYL-</i> | | 692-42-2 | 3082 | F4 R2 | 3 17 20 21 |
| 0694 | DIETHYLBENZENE <i>BENZENE, DIETHYL-</i> | | 25340-17-4 | 2049 | | 3 15 17 |
| 0695 # | DIETHYLCARBAMOYL CHLORIDE <i>CARBAMIC CHLORIDE, DIETHYL-</i> | | 88-10-8 | 1993 | R2 | 3 15 17 |
| 0696 | DIETHYL CARBINOL <i>3-PENTANOL</i> | | 584-02-1 | 1105 | | 3 15 17 |

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| 0697 # | DIETHYL CARBONATE <i>CARBONIC ACID, DIETHYL ESTER</i> | | 105-58-8 | 2366 | F3 | 3 15 17 |
| 0698 # | DIETHYL DICHLOROSILANE <i>SILANE, DICHLORODIETHYL-</i> | | 1719-53-5 | 1767 | CO F3 R2 | 3 17 |
| 0699 # | DIETHYLENE GLYCOL DINITRATE <i>ETHANOL, 2,2'-OXYBIS-, DINITRATE</i> | | 693-21-0 | 0075 | F4 R4 | 3 8 17 |
| 0701 # | DIETHYL ETHER <i>ETHANE, 1,1'-OXYBIS-</i> | | 60-29-7 | 1155 | F4 | 1 2 3 4 6 8 15 17 20 21 22 |
| 0702 # | DIETHYLETHYLENE DIAMINE <i>1,2-ETHANEDIAMINE, N,N'-DIETHYL-</i> | | 111-74-0 | 2685 | CO | 3 15 17 |
| 0704 # | DIETHYL KETONE <i>3-PENTANONE</i> | | 96-22-0 | 1156 | F3 | 2 3 4 15 17 |
| 4007 | DIETHYL MALONATE <i>PROPANEDIOIC ACID, DIETHYL ESTER</i> | | 105-53-3 | 1993 | | 3 15 17 |
| 4158 # | DIETHYL PEROXIDE <i>PEROXIDE, DIETHYL</i> | | 628-37-5 | 9183 | F4 R4 | 3 15 17 |
| 4157 | DIETHYL SELENIDE <i>ETHANE, 1,1'-SELENOBIS-</i> | | 627-53-2 | 2630 | | 1 2 3 4 6 8 15 17 18 20 |

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| 0711 # | DIETHYL SULFIDE <i>ETHANE, 1,1'-THIOBIS-</i> | | 352-93-2 | 2375 | F3 | 3 17 |
| 4179 # | DIETHYL TELLURIDE <i>ETHANE, 1,1'-TELLUROBIS-</i> | | 627-54-3 | 2929 | F4 R3 | 3 15 17 |
| 0713 # | DIETHYL ZINC <i>ZINC, DIETHYL-</i> | | 557-20-0 | 1366 | F4 R3 | 3 15 17 |
| 0715 # | 1,1-DIFLUOROETHANE <i>ETHANE, 1,1-DIFLUORO-</i> | | 75-37-6 | 1030 | F4 | 3 6 8 17 22 |
| 0717 | DIGLYCIDYL ETHER <i>OXIRANE, 2,2'- [OXYBIS(METHYLENE)]BIS-</i> | | 2238-07-5 | | | 1 2 4 6 19 |
| 4156 # | DIHEXYLAMINE <i>1-HEXANAMINE, N-HEXYL-</i> | | 143-16-8 | | F3 | 15 |
| 0720 # | DIHYDROPYRAN <i>2H-PYRAN, 3,4-DIHYDRO-</i> | | 110-87-2 | 2376 | F3 | 3 15 17 |
| 4155 # | DIISOBUTYLALUMINUM HYDRIDE <i>ALUMINUM, HYDROBIS(2-METHYLPROPYL)-</i> | | 1191-15-7 | 3052 | F4 R3 | 2 3 4 15 17 |
| 0724 # | DIISOBUTYLAMINE <i>1-PROPANAMINE, 2-METHYL-N-(2-METHYLPROPYL)-</i> | | 110-96-3 | 2361 | CO F3 | 3 15 17 |

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| 0725 | # DIISOBUTYLENE <i>PENTENE, 2,4,4-TRIMETHYL-</i> | | 25167-70-8 | 2050 | F3 | 3 15 17 |
| 0760 | # DIISOBUTYL KETONE <i>4-HEPTANONE, 2,6-DIMETHYL-</i> | | 108-83-8 | 1157 | | 1 2 3 4 15 17 |
| 0728 | # DIISOPROPYLAMINE <i>2-PROPANAMINE, N-(1-METHYLETHYL)-</i> | | 108-18-9 | 1158 | F3 | 1 2 3 4 15 17 |
| 0729 | # DIISOPROPYLETHANOLAMINE <i>ETHANOL, 2-[BIS(1-METHYLETHYL)AMINO]-</i> | | 96-80-0 | 2920 | CO | 3 15 17 |
| 0730 | # DIISOPROPYL ETHER <i>PROPANE, 2,2'-OXYBIS-</i> | | 108-20-3 | 1159 | F3 | 1 2 3 4 15 17 |
| 0731 | # DIISOPROPYL PEROXYDICARBONATE <i>PEROXYDICARBONIC ACID, BIS(1-METHYLETHYL)ESTER</i> | | 105-64-6 | 3112 | F4 R4 | 3 15 17 |
| 0732 | # DIKETENE <i>2-OXETANONE, 4-METHYLENE-</i> | | 674-82-8 | 2521 | F3 R2 | 3 15 17 |
| 0735 | # 1,1-DIMETHOXYETHANE <i>ETHANE, 1,1-DIMETHOXY-</i> | | 534-15-6 | 2377 | F3 | 3 17 |
| 3279 | # 1,2-DIMETHOXYETHANE <i>ETHANE, 1,2-DIMETHOXY-</i> | | 110-71-4 | 2252 | F3 | 3 15 17 |

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| 0736 | DIMETHYL ACETAMIDE <i>ACETAMIDE, N,N-DIMETHYL-</i> | | 127-19-5 | 2810 | | 1 2 3 4 15 17 |
| 0737 | # DIMETHYLAMINE <i>METHANAMINE, N-METHYL-</i> | | 124-40-3 | 1032 | F4 | 1 2 3 4 6 8 15 17 18 20 21 22 |
| 0738 | # 2-DIMETHYLAMINOACETONITRILE <i>ACETONITRILE, (DIMETHYLAMINO)-</i> | | 926-64-7 | 2378 | F3 | 3 17 |
| 3111 | # DIMETHYLAMINOETHANOL <i>ETHANOL, 2-(DIMETHYLAMINO)-</i> | | 108-01-0 | 2051 | CO | 3 15 17 |
| 0740 | DIMETHYLAMINOETHYL METHACRYLATE <i>2-PROPENOIC ACID, 2-METHYL-, 2-(DIMETHYLAMINO)ETHYL ESTER</i> | | 2867-47-2 | 2522 | | 3 15 17 |
| 0227 | beta-DIMETHYLAMINOPROPIONITRILE <i>PROPANENITRILE, 3-(DIMETHYLAMINO)-</i> | | 1738-25-6 | | | 4 15 |
| 4154 | # 3-(DIMETHYLAMINO)PROPYLAMINE <i>1,3-PROPANEDIAMINE, N,N-DIMETHYL-</i> | | 109-55-7 | 1993 | F3 | 3 15 17 |
| 0741 | DIMETHYLANILINE <i>BENZENAMINE, N,N-DIMETHYL-</i> | | 121-69-7 | 2253 | | 1 2 3 4 6 7 8 15 17 18 20 |
| 0744 | # 2,3-DIMETHYLBUTANE <i>BUTANE, 2,3-DIMETHYL-</i> | | 79-29-8 | 2457 | F3 | 2 3 4 15 17 |

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| 4153 | # 2,3-DIMETHYL-2-BUTENE <i>2-BUTENE, 2,3-DIMETHYL-</i> | | 563-79-1 | 1993 | F3 | 3 15 17 |
| 0745 | # 1,3-DIMETHYLBUTYLAMINE <i>2-PENTANAMINE, 4-METHYL-</i> | | 108-09-8 | 2379 | F3 | 3 15 17 |
| 0746 | # DIMETHYLCARBAMOYL CHLORIDE <i>CARBAMIC CHLORIDE, DIMETHYL-</i> | | 79-44-7 | 2262 | CA CO MU | 2 3 4 5 6 7 17 18 20 21 |
| 0747 | # DIMETHYL CARBONATE <i>CARBONIC ACID, DIMETHYL ESTER</i> | | 616-38-6 | 1161 | F3 | 3 15 17 |
| 3281 | # DIMETHYLCYCLOHEXANE (mixed isomers) <i>CYCLOHEXANE, DIMETHYL-</i> | | 27195-67-1 | 2263 | F3 | 3 15 17 |
| 0749 | # DIMETHYLCYCLOHEXYLAMINE <i>CYCLOHEXANAMINE, N,N-DIMETHYL</i> | | 98-94-2 | 2264 | CO | 3 17 |
| 0752 | # DIMETHYL DICHLOROSILANE <i>SILANE, DICHLORODIMETHYL-</i> | | 75-78-5 | 1162 | CO F3 | 3 6 15 17 19 22 |
| 0753 | # DIMETHYLDIETHOXSILANE <i>SILANE, DIETHOXYDIMETHYL-</i> | | 78-62-6 | 2380 | F3 | 3 17 |
| 0755 | # DIMETHYLDIOXANE <i>1,4-DIOXANE, DIMETHYL-</i> | | 25136-55-4 | 2707 | F3 | 3 15 17 |

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| 0756 | # DIMETHYLDISULFIDE <i>DISULFIDE, DIMETHYL</i> | | 624-92-0 | 2381 | F3 | 3 17 |
| 0758 | # DIMETHYL ETHER <i>METHANE, OXYBIS-</i> | | 115-10-6 | 1033 | F4 | 3 6 15 17 22 |
| 0759 | # DIMETHYLFORMAMIDE <i>FORMAMIDE, N,N-DIMETHYL-</i> | | 68-12-2 | 2265 | TE | 1 2 3 4 6 7 8 15 17 18 20 |
| 4152 | # 2,5-DIMETHYLFURAN <i>FURAN, 2,5-DIMETHYL-</i> | | 625-86-5 | 1993 | F3 | 3 15 17 |
| 0761 | # 1,1-DIMETHYLHYDRAZINE <i>HYDRAZINE, 1,1-DIMETHYL-</i> | | 57-14-7 | 1163 | CA F3 | 1 2 3 4 5 6 7 15 17 18 19 20 21 22 |
| 1008 | # 1,2-DIMETHYLHYDRAZINE <i>HYDRAZINE, 1,2-DIMETHYL-</i> | | 540-73-8 | 2382 | CA CO MU F3 | 3 7 17 20 21 |
| 4151 | # N,N-DIMETHYLISOPROPANOLAMINE <i>2-PROPANOL, 1-(DIMETHYLAMINO)-</i> | | 108-16-7 | 1993 | F3 | 3 15 17 |
| 0763 | # DIMETHYL MERCURY <i>MERCURY, DIMETHYL-</i> | | 593-74-8 | 2024 | CA F3 | 1 2 3 4 6 7 17 18 20 |
| 4149 | # 2,3-DIMETHYLPENTALDEHYDE <i>PENTANAL, 2,3-DIMETHYL-</i> | | 32749-94-3 | | F3 | 15 |

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| 4147 # | 2,3-DIMETHYLPENTANE <i>PENTANE, 2,3-DIMETHYL-</i> | | 565-59-3 | 1206 | F3 | 2 3 15 17 |
| 4146 # | 2,4-DIMETHYLPENTANE see Fact Sheet # 4147 on 2,3-DIMETHYLPENTANE <i>PENTANE, 2,4-DIMETHYL-</i> | | 108-08-7 | 1206 | F3 | 3 15 17 |
| 0766 # | DIMETHYLPROPANE <i>PROPANE, 2,2-DIMETHYL-</i> | | 463-82-1 | 2044 | F4 | 3 6 15 17 22 |
| 0767 # | DIMETHYLPROPYLAMINE <i>1-PROPANAMINE, N,N-DIMETHYL-</i> | | 926-63-6 | 2266 | F3 | 3 17 |
| 0768 # | DIMETHYL SULFATE <i>SULFURIC ACID, DIMETHYL ESTER</i> | | 77-78-1 | 1595 | CA CO MU TE | 1 2 3 4 5 6 7 8 15 17 18 19 20 21 |
| 0769 # | DIMETHYL SULFIDE <i>METHANE, THIOBIS-</i> | | 75-18-3 | 1164 | F4 | 2 3 15 17 |
| 4145 # | DIMETHYL SULFOXIDE <i>METHANE, SULFINYLBI-</i> | | 67-68-5 | 1993 | TE | 3 15 17 |
| 0771 # | DIMETHYLZINC <i>ZINC, DIMETHYL-</i> | | 544-97-8 | 1370 | F3 R2 | 3 17 |
| 0780 # | DINITROPHENOL <i>PHENOL, DINITRO-</i> | | 25550-58-7 | 1320 | F4 R4 | 3 17 20 |

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| 2950 # | 2,4-DINITROPHENOL <i>PHENOL, 2,4-DINITRO-</i> | | 51-28-5 | 1320 | R4 | 3 6 8 17 18 20 21 |
| 2951 # | 2,5-DINITROPHENOL see Fact Sheet # 0780 on DINITROPHENOL <i>PHENOL, 2,5-DINITRO-</i> | | 329-71-5 | 1320 | R4 | 3 17 20 |
| 2953 # | 2,6-DINITROPHENOL see Fact Sheet # 0780 on DINITROPHENOL <i>PHENOL, 2,6-DINITRO-3</i> | | 573-56-8 | 1320 | R4 | 3 17 20 |
| 0781 # | DINITRORESORCINOL <i>1,3-BENZENEDIOL, DINITRO-</i> | | 35860-51-6 | 1322 | F3 R2 | 3 17 |
| 0789 # | 1,4-DIOXANE <i>1,4-DIOXANE</i> | | 123-91-1 | 1165 | CA F3 | 1 2 3 4 5 6 7 8 15 17 18 20 21 |
| 0791 # | DIOXOLANE <i>1,3-DIOXOLANE</i> | | 646-06-0 | 1166 | F3 R2 | 2 3 15 17 |
| 0792 | DIPENTENE <i>CYCLOHEXENE, 1-METHYL-4-(1-METHYLETHENYL)-</i> | | 138-86-3 | 2052 | | 3 15 17 |
| 4142 # | DIPROPYLALUMINUM HYDRIDE <i>ALUMINUM, HYDRODIPROPYL-</i> | | 2036-15-9 | 3051 | F3 R3 | 2 3 4 15 17 |
| 0803 # | DIPROPYLAMINE <i>1-PROPANAMINE, N-PROPYL-</i> | | 142-84-7 | 2383 | F3 | 3 15 17 20 21 |

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|------------------|---|------------|------------|------|-------------|--|
| 0804 | DIPROPYLENE GLYCOL METHYL ETHER <i>PROPANOL, 1(or 2)-(2-METHOXYMETHYLETHOXY)-</i> | | 34590-94-8 | | | 1 2 4 15 |
| 0805 | # DIPROPYL ETHER <i>PROPANE, 1,1'-OXYBIS-</i> | | 111-43-3 | 2384 | F3 | 3 15 17 |
| 0806 | DIPROPYL KETONE <i>4-HEPTANONE</i> | | 123-19-3 | 2710 | | 2 3 4 15 17 |
| 4141 | # DIVINYL ACETYLENE <i>1,5-HEXADIEN-3-YNE</i> | | 821-08-9 | 1993 | F3 R4 | 3 15 17 |
| 0820 | # DIVINYL BENZENE <i>BENZENE, DIETHENYL-</i> | | 1321-74-0 | 1993 | R2 | 2 3 4 15 17 |
| 0821 | # DIVINYL ETHER <i>ETHENE, 1,1'-OXYBIS-</i> | | 109-93-3 | 1167 | F4 R2 | 3 15 17 |
| 0823 | # DODECYL TRICHLOROSILANE <i>SILANE, TRICHLORODODECYL-</i> | | 4484-72-4 | 1771 | CO R2 | 3 17 |
| 0827 | EPIBROMOHYDRIN <i>OXIRANE, (BROMOMETHYL)-</i> | | 3132-64-7 | 2558 | | 3 17 |
| 0828 | # EPICHLOROHYDRIN <i>OXIRANE, (CHLOROMETHYL)-</i> | | 106-89-8 | 2023 | CA MU F3 R2 | 1 2 3 4 5 6 7 8 15 17 18 19 20 21 22 |

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|------------------|--|------------|-----------|------|-------|-------------------------------|
| 0830 | 1,2-EPOXY-3-ETHOXYPROPANE <i>OXIRANE, (ETHOXYMETHYL)-</i> | | 4016-11-9 | 2752 | | 3 17 |
| 0831 | # 2,3-EPOXY-1-PROPANOL <i>OXIRANEMETHANOL</i> | | 556-52-5 | 2810 | CA MU | 1 2 3 4 5 7 17 |
| 0834 | # ETHANE <i>ETHANE</i> | | 74-84-0 | 1035 | F4 | 2 3 6 15 17 22 |
| 0835 | # ETHANOLAMINE <i>ETHANOL, 2-AMINO-</i> | | 141-43-5 | 2491 | CO | 1 2 3 4 15 17 |
| 4139 | # ETHOXYACETYLENE <i>ETHYNE, ETHOXY-</i> | | 927-80-0 | 1993 | F3 R3 | 3 15 17 |
| 0839 | # 2-ETHOXYETHANOL <i>ETHANOL, 2-ETHOXY-</i> | | 110-80-5 | 1171 | TE | 1 2 3 4 6 8 15 17 18 20 21 |
| 0840 | # 2-ETHOXYETHYL ACETATE <i>ETHANOL, 2-ETHOXY-, ACETATE</i> | | 111-15-9 | 1172 | TE | 1 2 3 4 15 17 |
| 4138 | # 3-ETHOXYPROPANAL <i>PROPANAL, 3-ETHOXY-</i> | | 2806-85-1 | 1993 | F3 | 3 15 17 |
| 0841 | # ETHYL ACETATE <i>ACETIC ACID, ETHYL ESTER</i> | | 141-78-6 | 1173 | F3 | 1 2 3 4 8 15 17 20 21 |

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|------------------|---|------------|------------|------|-------------|----------------------------------|
| 0842 | # ETHYL ACETYLENE <i>1-BUTYNE</i> | | 107-00-6 | 2452 | F4 R3 | 3 6 17 22 |
| 0843 | # ETHYL ACRYLATE <i>2-PROPENOIC ACID, ETHYL ESTER</i> | | 140-88-5 | 1917 | CA F3 R2 | 1 2 3 4 6 7 15 17 18 20 21 22 |
| 0844 | # ETHYL ALCOHOL <i>ETHANOL</i> | | 64-17-5 | 1170 | CA MU TE F3 | 1 2 3 4 7 15 17 |
| 0845 | # ETHYL ALUMINUM DICHLORIDE <i>ALUMINUM, DICHLOROETHYL-</i> | | 563-43-9 | 3052 | F4 R3 | 2 3 4 15 17 |
| 0846 | # ETHYL ALUMINUM SESQUICHLORIDE <i>ALUMINUM, DI-.MU.-CHLOROCHLOROTRIETHYLDI-</i> | | 12075-68-2 | 3052 | F3 R3 | 2 3 4 15 17 |
| 0847 | # ETHYLAMINE <i>ETHANAMINE</i> | | 75-04-7 | 1036 | F4 | 1 2 3 4 6 15 17 20 22 |
| 0848 | ETHYL AMYL KETONE <i>3-HEPTANONE, 5-METHYL-</i> | | 541-85-5 | 2271 | | 1 2 3 4 17 |
| 0850 | ETHYLANILINE <i>BENZENAMINE, N-ETHYL-</i> | | 103-69-5 | 2272 | | 3 15 17 |
| 0849 | 2-ETHYLANILINE <i>BENZENAMINE, 2-ETHYL-</i> | | 578-54-1 | 2273 | | 3 15 17 |

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|------------------|---|------------|------------|------|-------|------------------------------|
| 0851 | # ETHYL BENZENE <i>BENZENE, ETHYL-</i> | | 100-41-4 | 1175 | CA F3 | 1 2 3 4 6 7 8 15 17 18 20 |
| 0854 | # ETHYL BORATE <i>BORIC ACID (H3BO3), MONOETHYL ESTER</i> | | 34099-73-5 | 1176 | F3 | 3 15 17 |
| 0855 | # ETHYL BROMIDE <i>ETHANE, BROMO-</i> | | 74-96-4 | 1891 | F3 | 1 2 3 4 7 15 17 |
| 0856 | ETHYL BROMOACETATE <i>ACETIC ACID, BROMO-, ETHYL ESTER</i> | | 105-36-2 | 1603 | | 3 15 17 |
| 0857 | ETHYLBUTANOL <i>1-BUTANOL, 2-ETHYL-</i> | | 97-95-0 | 2275 | | 3 15 17 |
| 4137 | # 2-ETHYL-1-BUTENE <i>PENTANE, 3-METHYLENE-</i> | | 760-21-4 | 1993 | F3 | 3 15 17 |
| 4136 | # ETHYLBUTYLAMINE <i>1-BUTANAMINE, N-ETHYL-</i> | | 13360-63-9 | 1993 | F3 | 3 15 17 |
| 0859 | # ETHYLBUTYL ETHER <i>BUTANE, 1-ETHOXY-</i> | | 628-81-9 | 1179 | F3 | 3 15 17 |
| 4066 | # ETHYL tert-BUTYL ETHER <i>PROPANE, 2-ETHOXY-2-METHYL-</i> | | 637-92-3 | 1179 | F3 | 2 3 17 |

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|------------------|--|------------|----------|------|-------|---------------------------------|
| 0860 | ETHYL BUTYL KETONE <i>3-HEPTANONE</i> | | 106-35-4 | 1224 | | 1 2 3 4 15 17 |
| 0861 | # ETHYLBUTYRALDEHYDE <i>BUTANAL, 2-ETHYL-</i> | | 97-96-1 | 1178 | F3 | 3 15 17 |
| 0862 | # ETHYL BUTYRATE <i>BUTANOIC ACID, ETHYL ESTER</i> | | 105-54-4 | 1180 | CO F3 | 3 15 17 |
| 0858 | ETHYL CAPROATE <i>HEXANOIC ACID, ETHYL ESTER</i> | | 123-66-0 | 1177 | | 3 15 17 |
| 0863 | # ETHYL CHLORIDE <i>ETHANE, CHLORO-</i> | | 75-00-3 | 1037 | F4 | 1 2 3 4 6 7 8 15 17 18 20 22 |
| 0864 | ETHYL CHLOROACETATE <i>ACETIC ACID, CHLORO-, ETHYL ESTER</i> | | 105-39-5 | 1181 | | 3 15 17 |
| 0865 | # ETHYL CHLOROFORMATE <i>CARBONCHLORIDIC ACID, ETHYL ESTER</i> | | 541-41-3 | 1182 | CO F3 | 3 6 15 17 18 |
| 0866 | # ETHYL-2-CHLOROPROPIONATE <i>PROPANOIC ACID, 2-CHLORO-, ETHYL ESTER</i> | | 535-13-7 | 2935 | F3 | 3 17 |
| 0869 | # ETHYL CROTONATE <i>2-BUTENOIC ACID, ETHYL ESTER, (2E)-</i> | | 623-70-1 | 1862 | F3 | 3 15 17 |

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|------------------|--|------------|-----------|------|----------|-------------------------------|
| 4067 # | ETHYL CYANOACRYLATE <i>2-PROPENOIC ACID, 2-CYANO-, ETHYL ESTER</i> | | 7085-85-0 | 1993 | R2 | 2 3 15 17 |
| 4135 # | ETHYLCYCLOHEXANE <i>CYCLOHEXANE, ETHYL-</i> | | 1678-91-7 | 1993 | F3 | 3 15 17 |
| 4134 # | N-ETHYLCYCLOHEXYLAMINE <i>CYCLOHEXANAMINE, N-ETHYL-</i> | | 5459-93-8 | 2920 | CO F3 | 3 15 17 |
| 0872 # | ETHYL DICHLOROSILANE <i>SILANE, DICHLOROETHYL-</i> | | 1789-58-8 | 1183 | CO F3 R2 | 3 15 17 |
| 0873 # | ETHYLENE <i>ETHENE</i> | | 74-85-1 | 1962 | F4 R2 | 2 3 6 7 15 17 18 22 |
| 0874 | ETHYLENE CHLOROHYDRIN <i>ETHANOL, 2-CHLORO-</i> | | 107-07-3 | 1135 | | 1 2 3 4 6 15 17 19 |
| 0875 # | ETHYLENEDIAMINE <i>1,2-ETHANEDIAMINE</i> | | 107-15-3 | 1604 | CO | 1 2 3 4 6 8 15 17 19 20 22 |
| 2400 # | ETHYLENE FLUOROHYDRIN <i>ETHANOL, 2-FLUORO-</i> | | 371-62-0 | 2642 | F3 | 3 6 17 19 |
| 0879 # | ETHYLENE GLYCOL DIETHYL ETHER <i>ETHANE, 1,2-DIETHOXY-</i> | | 629-14-1 | 1153 | F3 | 3 15 17 |

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|------------------|---|------------|------------|------|-------------------|---|
| 0881 | # ETHYLENEIMINE <i>AZIRIDINE</i> | | 151-56-4 | 1185 | CA MU F3 R3 | 1 2 3 4 6 7 8 15 17 18 19 20 21 22 |
| 0882 | # ETHYLENE OXIDE <i>OXIRANE</i> | | 75-21-8 | 1040 | CA MU TE F4 R3 | 1 2 3 4 5 6 7 14 15 17 18 19 20 21 22 |
| 4133 | # N-ETHYLETHANOLAMINE <i>ETHANOL, 2-(ETHYLAMINO)-</i> | | 110-73-6 | 2735 | CO | 3 15 17 |
| 0884 | # ETHYL FLUORIDE <i>ETHANE, FLUORO-</i> | | 353-36-6 | 2453 | F4 | 3 15 17 |
| 0885 | # ETHYL FORMATE <i>FORMIC ACID, ETHYL ESTER</i> | | 109-94-4 | 1190 | F3 | 1 2 3 4 15 17 |
| 0886 | # ETHYL HEXALDEHYDE <i>HEXANAL, 2-ETHYL-</i> | | 123-05-7 | 1191 | | 3 15 17 |
| 4180 | # 2-ETHYLHEXYL ACRYLATE <i>2-PROPENOIC ACID, 2-ETHYLHEXYL ESTER</i> | | 103-11-7 | 1993 | R2 | 3 15 17 |
| 0888 | # 2-ETHYL HEXYLAMINE <i>1-HEXANAMINE, 2-ETHYL-</i> | | 104-75-6 | 2276 | CO | 3 15 17 |
| 0890 | # ETHYLIDENE NORBORNENE <i>BICYCLO[2.2.1]HEPT-2-ENE, 5-ETHYLIDENE-</i> | | 16219-75-3 | | | 2 4 |

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|------------------|--|------------|----------|------|-------|--------------------|
| 0891 | # ETHYL ISOBUTYRATE <i>PROPANOIC ACID, 2-METHYL-, ETHYL ESTER</i> | | 97-62-1 | 2385 | F3 | 3 15 17 |
| 0892 | # ETHYL ISOCYANATE <i>ETHANE, ISOCYANATO-</i> | | 109-90-0 | 2481 | F3 | 3 17 |
| 0893 | ETHYL LACTATE <i>PROPANOIC ACID, 2-HYDROXY-, ETHYL ESTER</i> | | 97-64-3 | 1192 | | 3 15 17 |
| 0894 | # ETHYL MERCAPTAN <i>ETHANETHIOL</i> | | 75-08-1 | 2363 | F4 | 1 2 3 4 6 15 17 22 |
| 0897 | # ETHYL METHACRYLATE <i>2-PROPENOIC ACID, 2-METHYL-, ETHYL ESTER</i> | | 97-63-2 | 2277 | F3 R2 | 3 15 17 20 21 |
| 1338 | # ETHYLMORPHOLINE <i>MORPHOLINE, 4-ETHYL-</i> | | 100-74-3 | 1993 | F3 | 1 2 3 4 15 17 |
| 0898 | # ETHYL NITRATE <i>NITRIC ACID, ETHYL ESTER</i> | | 625-58-1 | 1993 | F3 R4 | 3 15 17 |
| 0899 | # ETHYL NITRITE <i>NITROUS ACID, ETHYL ESTER</i> | | 109-95-5 | 1194 | F4 R4 | 3 6 15 17 22 |
| 0900 | # ETHYL ORTHOFORMATE <i>ETHANE, 1,1',1''- [METHYLDYNETRIS(OXY)]TRIS-</i> | | 122-51-0 | 2524 | F3 | 3 17 |

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|------------------|---|------------|------------|------|----------|---------------|
| 0901 | ETHYL OXALATE <i>ETHANEDIOIC ACID, DIETHYL ESTER</i> | | 95-92-1 | 2525 | | 3 15 17 |
| 0902 | # ETHYL PHENYL DICHLOROSILANE <i>SILANE, DICHLOROETHYLPHENYL-</i> | | 1125-27-5 | 2435 | CO | 3 17 |
| 0906 | # 1-ETHYL PIPERIDINE <i>PIPERIDINE, 1-ETHYL-</i> | | 766-09-6 | 2386 | F3 | 3 17 |
| 0907 | # ETHYL PROPIONATE <i>PROPANOIC ACID, ETHYL ESTER</i> | | 105-37-3 | 1195 | F3 | 3 15 17 |
| 0908 | # ETHYL PROPYL ETHER <i>PROPANE, 1-ETHOXY-</i> | | 628-32-0 | 2615 | F3 | 3 15 17 |
| 0909 | # ETHYL SILICATE <i>SILICIC ACID, (H4SiO4), TETRAETHYL ESTER</i> | | 78-10-4 | 1292 | F3 | 1 2 3 4 15 17 |
| 4132 | # ETHYLTOLUENES <i>BENZENE, ETHYLMETHYL-</i> | | 25550-14-5 | 1993 | F3 | 3 15 17 |
| 0912 | # ETHYLTRICHLOROSILANE <i>SILANE, TRICHLOROETHYL-</i> | | 115-21-9 | 1196 | CO F3 R2 | 3 6 15 17 19 |
| 0926 | # FERROCERIUM <i>FERROCERIUM</i> | | 69523-06-4 | 1323 | F3 | 3 17 |

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|------------------|---|------------|------------|------|-------------|--|
| 0927 # | FERROSILICON <i>FERROSILICON</i> | | 8049-17-0 | 1408 | R2 | 3 17 |
| 0939 # | FLUOROBENZENE <i>BENZENE, FLUORO-</i> | | 462-06-6 | 2387 | F3 | 3 15 17 |
| 0942 # | FLUOROTOLUENE <i>BENZENE, FLUOROMETHYL-</i> | | 25496-08-6 | 2388 | F3 | 3 17 |
| 0946 # | FORMALDEHYDE <i>FORMALDEHYDE</i> | | 50-00-0 | 1198 | CA CO MU F4 | 1 2 3 4 5 6 7 8 15 17 18 19 20 21 22 |
| 0948 # | FORMIC ACID <i>FORMIC ACID</i> | | 64-18-6 | 1779 | CO | 1 2 3 4 6 8 15 17 18 20 21 |
| 2444 | FUEL OILS (LIGHT) | | | 1202 | | 2 3 6 7 15 17 |
| 0951 # | FUMARYL CHLORIDE <i>2-BUTENEDIOYL DICHLORIDE, (2E)-</i> | | 627-63-4 | 1780 | CO R2 | 3 17 |
| 0952 # | FURAN <i>FURAN</i> | | 110-00-9 | 2389 | CA F4 | 3 5 6 7 8 15 17 19 20 21 22 |
| 0953 | FURFURAL <i>2-FURANCARBOXALDEHYDE</i> | | 98-01-1 | 1199 | | 1 2 3 4 7 8 15 17 20 21 |

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|------------------|---|------------|------------|------|-------|-----------------|
| 0954 | FURFURYL ALCOHOL <i>2-FURANMETHANOL</i> | | 98-00-0 | 2874 | | 1 2 3 4 15 17 |
| 0955 | # FURFURYLAMINE <i>2-FURANMETHANAMINE</i> | | 617-89-0 | 2526 | F3 | 3 15 17 |
| 4182 | # GALLIUM PHOSPHIDE <i>GALLIUM PHOSPHIDE (GaP)</i> | | 12063-98-8 | | F3 R2 | 15 |
| 0957 | # GASOLINE <i>GASOLINE, NATURAL</i> | | 8006-61-9 | 1203 | CA F3 | 2 3 4 6 7 15 17 |
| 0958 | # GERMANIUM HYDRIDE <i>GERMANE</i> | | 7782-65-2 | 2192 | F4 R3 | 2 3 4 15 17 |
| 0961 | # GLYCIDALDEHYDE <i>OXIRANECARBOXALDEHYDE</i> | | 765-34-4 | 2622 | CA F3 | 3 7 8 17 20 21 |
| 4130 | # GLYCIDYL ACRYLATE <i>2-PROPENOIC ACID, OXIRANYLMETHYL ESTER</i> | | 106-90-1 | 1992 | R2 | 3 15 17 |
| 0967 | # HAFNIUM <i>HAFNIUM</i> | | 7440-58-6 | 2545 | F3 R3 | 1 2 3 4 17 |
| 4062 | HEAVY FUEL OILS | | | 1993 | CA | 2 3 6 7 15 17 |

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|------------------|---|------------|------------|------|-------|----------------------------|
| 1339 # | n-HEPTANE <i>HEPTANE</i> | | 142-82-5 | 1206 | F3 | 1 2 3 4 8 15 17 |
| 0975 | 1-HEPTANETHIOL <i>1-HEPTANETHIOL</i> | | 1639-09-4 | 1228 | | 3 4 17 |
| 0976 # | HEPTENE <i>HEPTENE</i> | | 25339-56-4 | 2278 | F3 | 3 15 17 |
| 0985 # | 1,4-HEXADIENE <i>1,4-HEXADIENE</i> | | 592-45-0 | 2458 | F3 | 3 15 17 |
| 0993 # | HEXALDEHYDE <i>HEXANAL</i> | | 66-25-1 | 1207 | F3 | 3 15 17 |
| 4183 # | HEXAMETHYLDISILAZANE <i>SILANAMINE, 1,1,1-TRIMETHYL-N-(TRIMETHYLSILYL)-</i> | | 999-97-3 | 2920 | CO F3 | 3 15 17 |
| 0994 # | HEXAMETHYLENE DIAMINE <i>1,6-HEXANEDIAMINE</i> | | 124-09-4 | 2280 | CO | 2 3 17 |
| 2463 # | HEXAMETHYLENEIMINE <i>1H-AZEPINE, HEXAHYDRO-</i> | | 111-49-9 | 2493 | F3 | 3 17 |
| 1340 # | n-HEXANE <i>HEXANE</i> | | 110-54-3 | 1208 | F3 | 1 2 3 4 6 8 15 17 18 20 |

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|------------------|---|------------|-----------|------|----------------------|--|
| 0998 # | 1-HEXANETHIOL <i>1-HEXANETHIOL</i> | | 111-31-9 | 1228 | F3 | 3 4 17 |
| 0999 # | HEXANITRODIPHENYLAMINE <i>BENZENAMINE, 2,4,6-TRINITRO-N-(2,4,6-TRINITROPHENYL)-</i> | | 131-73-7 | 0079 | F3 R3 | 3 17 |
| 1001 | n-HEXANOL <i>1-HEXANOL</i> | | 111-27-3 | 2282 | | 3 15 17 |
| 4129 # | 3-HEXANONE <i>3-HEXANONE</i> | | 589-38-8 | 1224 | F3 | 3 15 17 |
| 1002 # | 1-HEXENE <i>1-HEXENE</i> | | 592-41-6 | 2370 | F3 | 2 3 15 17 |
| 4128 # | HEXYLAMINE <i>1-HEXANAMINE</i> | | 111-26-2 | 2924 | F3 | 3 15 17 |
| 1003 | HEXYLENE GLYCOL <i>2,4-PENTANEDIOL, 2-METHYL-</i> | | 107-41-5 | 1993 | | 2 3 4 15 17 |
| 1006 # | HYDRAZINE <i>HYDRAZINE</i> | | 302-01-2 | 2029 | CA CO MU TE F4 R3 | 1 2 3 4 5 6 7 8 15 17 18 19 20 21 22 |
| 3115 # | HYDRAZINE HYDRATE <i>HYDRAZINE, MONOHYDRATE</i> | | 7803-57-8 | 2030 | CO R2 | 3 17 |

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|------------------|---|------------|------------|------|-------|--|
| 1010 | # HYDROGEN <i>HYDROGEN</i> | | 1333-74-0 | 1049 | F4 | 2 3 6 15 17 22 |
| 1013 | # HYDROGEN CYANIDE <i>HYDROCYANIC ACID</i> | | 74-90-8 | 1051 | F4 R2 | 1 2 3 4 6 8 14 15 17 18 19 20 21 22 |
| 1016 | # HYDROGEN SELENIDE <i>HYDROGEN SELENIDE (H2Se)</i> | | 7783-07-5 | 2202 | F4 R3 | 1 2 3 4 6 8 17 18 19 20 22 |
| 1017 | # HYDROGEN SULFIDE <i>HYDROGEN SULFIDE (H2S)</i> | | 7783-06-4 | 1053 | F4 | 1 2 3 4 6 8 15 17 18 19 20 21 22 |
| 3342 | # 2-HYDROXYPROPYL ACRYLATE <i>2-PROPENOIC ACID, 2-HYDROXYPROPYL ESTER</i> | | 999-61-1 | 1760 | CO | 2 3 4 17 |
| 1023 | INDENE <i>1H-INDENE</i> | | 95-13-6 | | | 2 4 |
| 1025 | # INDIUM <i>INDIUM</i> | | 7440-74-6 | 3089 | F3 | 2 3 4 17 |
| 1029 | # 2-IODOBUTANE <i>BUTANE, 2-IODO-</i> | | 513-48-4 | 2390 | F3 R2 | 3 17 |
| 1033 | IODO PROPANE <i>PROPANE, IODO-</i> | | 26914-02-3 | 2392 | | 3 17 |

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|------------------|--|------------|------------|------|------|---------------------------|
| 1037 | # IRON PENTACARBONYL <i>IRON CARBONYL (Fe(CO)5), (TB-5-11)-</i> | | 13463-40-6 | 1994 | F3 | 2 3 4 6 15 17 18 19 22 |
| 1038 | # ISOAMYL ACETATE <i>1-BUTANOL, 3-METHYL-, ACETATE</i> | | 123-92-2 | 1104 | F3 | 1 2 3 4 15 17 20 |
| 1039 | ISOAMYL ALCOHOL <i>1-BUTANOL, 3-METHYL-</i> | | 123-51-3 | 1105 | | 1 2 3 4 15 17 |
| 1040 | # ISOBUTANE <i>PROPANE, 2-METHYL-</i> | | 75-28-5 | 1969 | F4 | 2 3 4 6 15 17 22 |
| 1041 | # ISOBUTYL ACETATE <i>ACETIC ACID, 2-METHYLPROPYL ESTER</i> | | 110-19-0 | 1213 | F3 | 1 2 3 4 15 17 20 |
| 1042 | # ISOBUTYL ACRYLATE <i>2-PROPENOIC ACID, 2-METHYLPROPYL ESTER</i> | | 106-63-8 | 2527 | F3 | 3 15 17 |
| 1043 | # ISOBUTYL ALCOHOL <i>1-PROPANOL, 2-METHYL-</i> | | 78-83-1 | 1212 | F3 | 1 2 3 4 8 15 17 20 21 |
| 1044 | # ISOBUTYLAMINE <i>1-PROPANAMINE, 2-METHYL-</i> | | 78-81-9 | 1214 | F3 | 3 15 17 20 |
| 4193 | ISOBUTYLBENZENE <i>BENZENE, (2-METHYLPROPYL)-</i> | | 538-93-2 | 2709 | | 3 15 17 |

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|------------------|---|------------|-----------|------|-------|----------------|
| 4125 | # ISOBUTYL CHLORIDE <i>PROPANE, 1-CHLORO-2-METHYL-</i> | | 513-36-0 | 1127 | F3 | 3 15 17 |
| 3348 | # ISOBUTYL CHLOROFOMATE <i>ISOBUTYL CHLOROFOMATE</i> | | 543-27-1 | 2742 | F3 R2 | 3 17 |
| 1045 | # ISOBUTYLENE <i>1-PROPENE, 2-METHYL-</i> | | 115-11-7 | 1055 | F4 | 2 3 6 15 17 22 |
| 1046 | # ISOBUTYL FORMATE <i>FORMIC ACID, 2-METHYLPROPYL ESTER</i> | | 542-55-2 | 2393 | F3 | 3 15 17 |
| 1047 | # ISOBUTYL ISOBUTYRATE <i>PROPANOIC ACID, 2-METHYL-, 2-METHYLPROPYL ESTER</i> | | 97-85-8 | 2528 | F3 | 3 15 17 |
| 1048 | # ISOBUTYL ISOCYANATE <i>PROPANE, 1-ISOCYANATO-2-METHYL-</i> | | 1873-29-6 | 2486 | F3 R2 | 3 17 |
| 1049 | # ISOBUTYLMETHACRYLATE <i>2-PROPENOIC ACID, 2-METHYL-, 2-METHYLPROPYL ESTER</i> | | 97-86-9 | 2283 | R2 | 3 17 |
| 4073 | # ISOBUTYL NITRITE <i>NITROUS ACID, 2-METHYLPROPYL ESTER</i> | | 542-56-3 | 2351 | F3 R4 | 2 3 17 |
| 1050 | # ISOBUTYL PROPIONATE <i>PROPANOIC ACID, 2-METHYLPROPYL ESTER</i> | | 540-42-1 | 2394 | F3 | 3 17 |

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| 1051 | # ISOBUTYRALDEHYDE <i>PROPANAL, 2-METHYL-</i> | | 78-84-2 | 2045 | F3 | 3 6 15 17 18 |
| 1052 | ISOBUTYRIC ACID <i>PROPANOIC ACID, 2-METHYL-</i> | | 79-31-2 | 2529 | | 3 15 17 20 |
| 1053 | ISOBUTYRIC ANHYDRIDE <i>PROPANOIC ACID, 2-METHYL-, ANHYDRIDE</i> | | 97-72-3 | 2530 | | 3 15 17 |
| 1054 | # ISOBUTYRONITRILE <i>PROPANENITRILE, 2-METHYL-</i> | | 78-82-0 | 2284 | F3 | 3 4 6 15 17 19 22 |
| 1055 | # ISOBUTYRYLCHLORIDE <i>PROPANOYL CHLORIDE, 2-METHYL-</i> | | 79-30-1 | 2395 | F3 R2 | 3 17 |
| 4020 | # ISO-NONANE (METHYLOCTANE) <i>ISONONANE</i> | | 34464-40-9 | 3295 | F3 | 3 15 17 |
| 1061 | # ISOCTANE <i>PENTANE, 2,2,4-TRIMETHYL-</i> | | 540-84-1 | 1262 | F3 | 2 3 8 15 17 20 |
| 1062 | # ISOCTENE <i>ISOCTENE</i> | | 11071-47-9 | 1216 | F3 | 3 15 17 |
| 1063 | ISOCTYL ALCOHOL <i>ISOCTANOL</i> | | 26952-21-6 | | | 2 4 15 |

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| 4124 # | ISOPENTALDEHYDE <i>BUTANAL, 3-METHYL-</i> | | 590-86-3 | 1988 | F3 | 3 15 17 |
| 1064 # | ISOPENTANE <i>BUTANE, 2-METHYL-</i> | | 78-78-4 | 1265 | F4 | 1 2 3 4 6 15 17 22 |
| 1065 # | ISOPENTANOIC ACID <i>BUTANOIC ACID, 3-METHYL-</i> | | 503-74-2 | 1760 | CO | 3 15 17 |
| 1066 # | ISOPHORONE <i>2-CYCLOHEXEN-1-ONE, 3,5,5-TRIMETHYL-</i> | | 78-59-1 | 1993 | CA | 1 2 3 4 8 15 17 20 22 |
| 1069 # | ISOPRENE <i>1,3-BUTADIENE, 2-METHYL-</i> | | 78-79-5 | 1218 | CA F4 R2 | 3 5 6 7 15 17 20 22 |
| 1071 # | ISOPROPENYL ACETATE <i>1-PROPEN-2-OL, ACETATE</i> | | 108-22-5 | 2403 | F3 | 3 15 17 |
| 4121 # | ISOPROPENYL ACETYLENE <i>1-BUTEN-3-YNE, 2-METHYL-</i> | | 78-80-8 | 1992 | F4 R2 | 3 15 17 |
| 1072 | ISOPROPENYL BENZENE <i>BENZENE, (1-METHYLETHENYL)-</i> | | 98-83-9 | 2303 | | 1 2 3 4 17 |
| 1073 | ISOPROPOXYETHANOL <i>ETHANOL, 2-(1-METHYLETHOXY)-</i> | | 109-59-1 | | | 2 15 |

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| 1074 | # ISOPROPYL ACETATE <i>ACETIC ACID, 1-METHYLETHYL ESTER</i> | | 108-21-4 | 1220 | F3 | 1 2 3 4 15 17 |
| 1076 | # ISOPROPYL ALCOHOL <i>2-PROPANOL</i> | | 67-63-0 | 1219 | F3 | 1 2 3 4 6 7 15 17 18 |
| 1077 | # ISOPROPYLAMINE <i>2-PROPANAMINE</i> | | 75-31-0 | 1221 | F4 | 1 2 3 4 6 15 17 22 |
| 1354 | N-ISOPROPYLANILINE <i>BENZENAMINE, N-(1-METHYLETHYL)-</i> | | 768-52-5 | 2810 | | 2 3 4 17 |
| 1078 | # ISOPROPYL BUTYRATE <i>BUTANOIC ACID, 1-METHYLETHYL ESTER</i> | | 638-11-9 | 2405 | F3 | 3 17 |
| 1079 | # ISOPROPYL CHLOROACETATE <i>ACETIC ACID, CHLORO-, 1-METHYLETHYL ESTER</i> | | 105-48-6 | 2947 | F3 | 3 17 |
| 1080 | # ISOPROPYL CHLOROFORMATE <i>CARBONCHLORIDIC ACID, 1-METHYLETHYL ESTER</i> | | 108-23-6 | 2407 | CO F3 R3 | 3 6 17 19 22 |
| 1081 | # ISOPROPYL-2-CHLOROPROPIONATE <i>PROPANOIC ACID, 2-CHLORO-, 1-METHYLETHYL ESTER</i> | | 40058-87-5 | 2934 | F3 | 3 17 |
| 2504 | # ISOPROPYL FORMATE <i>FORMIC ACID, 1-METHYLETHYL ESTER</i> | | 625-55-8 | 1993 | F3 | 3 15 17 |

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| 1082 | # ISOPROPYL GLYCIDYL ETHER <i>OXIRANE, [(1-METHYLETHOXY)METHYL]-</i> | | 4016-14-2 | | F3 | 1 2 4 |
| 1083 | # ISOPROPYL ISOBUTYRATE <i>PROPANOIC ACID, 2-METHYL-, 1-METHYLETHYL ESTER</i> | | 617-50-5 | 2406 | F3 | 3 17 |
| 1084 | # ISOPROPYL ISOCYANATE <i>PROPANE, 2-ISOCYANATO-</i> | | 1795-48-8 | 2483 | F3 R2 | 3 17 |
| 1085 | # ISOPROPYL MERCAPTAN <i>2-PROPANETHIOL</i> | | 75-33-2 | 2402 | F3 | 3 17 |
| 1086 | # ISOPROPYL NITRATE <i>NITRIC ACID, 1-METHYLETHYL ESTER</i> | | 1712-64-7 | 1222 | F3 R3 | 3 17 |
| 1087 | # ISOPROPYL PROPIONATE <i>PROPANOIC ACID, 1-METHYLETHYL ESTER</i> | | 637-78-5 | 2409 | F3 | 3 17 |
| 4074 | # JET FUELS <i>FUELS, JET AIRCRAFT, COAL SOLVENT extraction, HYDRO-CRACKED HYDROGENATED</i> | | 94114-58-6 | 1863 | F3 | 3 7 15 17 |
| 1091 | KEROSENE <i>KEROSINE (PETROLEUM)</i> | | 8008-20-6 | 1223 | | 2 3 4 6 7 15 17 |
| 1092 | # KETENE <i>ETHENONE</i> | | 463-51-4 | | F3 | 1 2 4 |

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| 2514 | LACTONITRILE <i>PROPANENITRILE, 2-HYROXY-</i> | | 78-97-7 | 2810 | | 3 6 15 17 19 |
| 2293 | # LEAD PHOSPHATE, DIBASIC <i>PHOSPHORIC ACID, LEAD(2+) SALT (1:1)</i> | | 15845-52-0 | 2989 | CA F3 | 1 2 3 4 5 6 7 8 17 18 20 |
| 1116 | LETHANE <i>THIOCYANIC ACID, 2-(2-BUTOXYETHOXY)ETHYL ESTER</i> | | 112-56-1 | 2902 | | 3 14 17 |
| 1118 | # LIQUEFIED PETROLEUM GAS <i>PETROLEUM GASES, LIQUIFIED</i> | | 68476-85-7 | 1075 | F4 | 1 2 3 4 17 |
| 1119 | # LITHIUM <i>LITHIUM</i> | | 7439-93-2 | 1415 | R2 | 3 15 17 |
| 1121 | # LITHIUM ALUMINUM HYDRIDE <i>ALUMINATE(1-), TETRAHYDRO-, LITHIUM, (T-4)-</i> | | 16853-85-3 | 1410 | R2 | 1 2 3 4 15 17 |
| 1122 | # LITHIUM AMIDE <i>LITHIUM AMIDE (Li(NH2))</i> | | 7782-89-0 | 1412 | F3 R2 | 3 17 |
| 1123 | # LITHIUM BOROHYDRIDE <i>BORATE(1-), TETRAHYDRO-, LITHIUM</i> | | 16949-15-8 | 1413 | F3 R2 | 3 17 |
| 1126 | # LITHIUM FERROSILICON <i>IRON LITHIUM SILICIDE (FeLiSi)</i> | | 64082-35-5 | 2830 | F3 R2 | 3 17 |

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| 1127 # | LITHIUM HYDRIDE <i>LITHIUM HYDRIDE (LiH)</i> | | 7580-67-8 | 1414 | R2 | 1 2 3 4 6 15 17 19 |
| 1131 # | LITHIUM NITRIDE <i>LITHIUM NITRIDE (Li3N)</i> | | 26134-62-3 | 2806 | F3 R2 | 3 17 |
| 1133 # | LITHIUM SILICON <i>LITHIUM ALLOY, NONBASE, Li,Si</i> | | 68848-64-6 | 1417 | F3 R2 | 3 17 |
| 2524 # | MAGNESIUM ALUMINUM PHOSPHIDE <i>ALUMINUM MAGNESIUM PHOSPHIDE</i> | | 134884-20-1 | 1419 | F3 | 3 17 |
| 1140 # | MAGNESIUM DIAMIDE <i>MAGNESIUM AMIDE (Mg(NH2)2)</i> | | 7803-54-5 | 2004 | F3 R2 | 3 17 |
| 1141 # | MAGNESIUM DIPHENYL <i>MAGNESIUM, DIPHENYL-</i> | | 555-54-4 | 2005 | F3 R2 | 3 17 |
| 1142 # | MAGNESIUM HYDRIDE <i>MAGNESIUM HYDRIDE</i> | | 60616-74-2 | 2010 | F4 R2 | 3 17 |
| 1147 # | MAGNESIUM PHOSPHIDE <i>MAGNESIUM PHOSPHIDE (Mg3P2)</i> | | 12057-74-8 | 2011 | F3 R2 | 3 14 17 |
| 1154 # | MANEB <i>MANGANESE, [[2-[(DITHIOCARBOXY)AMINO]ETHYL]CARBAMODITHIOATO(2-)-.kappa.S,.kappa.S']-</i> | | 12427-38-2 | 2968 | F3 | 3 6 7 8 17 18 |

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| 1155 # | MANGANESE <i>MANGANESE</i> | | 7439-96-5 | 3089 | F3 | 1 2 3 4 6 8 17 18 20 |
| 2526 # | MANGANESE RESINATE <i>RESIN ACIDS AND ROSIN ACIDS, MANGANESE SALTS</i> | | 9008-34-8 | 1330 | F3 | 3 17 |
| 1187 # | MERCURY FULMINATE <i>FULMINIC ACID, MERCURY(2+) SALT</i> | | 628-86-4 | 0135 | F3 R4 | 1 2 3 4 6 17 18 20 21 |
| 1195 # | MESITYL OXIDE <i>3-PENTEN-2-ONE, 4-METHYL-</i> | | 141-79-7 | 1229 | F3 | 1 2 3 4 15 17 |
| 1197 # | METALDEHYDE <i>1,3,5,7-TETROXOCANE, 2,4,6,8-TETRAMETHYL-</i> | | 108-62-3 | 1332 | F3 | 3 15 17 |
| 2549 | METHACROLEIN DIACETATE <i>2-PROPENE-1,1-DIOL, 2-METHYL-, DIACETATE</i> | | 10476-95-6 | | | 6 19 |
| 1198 # | METHACRYLALDEHYDE <i>2-PROPENAL, 2-METHYL-</i> | | 78-85-3 | 2396 | F3 R2 | 3 15 17 |
| 1199 # | METHACRYLIC ACID <i>2-PROPENOIC ACID, 2-METHYL-</i> | | 79-41-4 | 2531 | CO R2 | 2 3 4 15 17 |
| 2551 # | METHACRYLOYL CHLORIDE <i>2-PROPENOYL CHLORIDE, 2-METHYL-</i> | | 920-46-7 | | CO F3 | 6 19 |

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| 1200 # | METHALLYL ALCOHOL <i>2-PROPEN-1-OL, 2-METHYL-</i> | | 513-42-8 | 2614 | F3 | 3 15 17 |
| 1202 # | METHANE <i>METHANE</i> | | 74-82-8 | 1971 | F4 | 2 3 6 15 17 22 |
| 1211 # | 2-METHOXYETHANOL <i>ETHANOL, 2-METHOXY-</i> | | 109-86-4 | 1188 | TE | 1 2 3 4 6 8 15 17 18 |
| 1212 | 2-METHOXYETHYL ACETATE <i>2-METHOXYACETATE ETHANOL</i> | | 110-49-6 | 1189 | | 1 2 3 4 15 17 |
| 4118 # | METHOXYETHYL ACRYLATE <i>2-PROPENOIC ACID, 2-METHOXYETHYL ESTER</i> | | 3121-61-7 | 1992 | R2 | 3 15 17 |
| 1214 # | METHOXYMETHYL ISOCYANATE <i>METHANE, ISOCYANATOMETHOXY-</i> | | 6427-21-0 | 2605 | F3 | 3 17 |
| 1215 | 4-METHOXY-4-METHYLPENTAN-2-ONE <i>2-PENTANONE, 4-METHOXY-4-METHYL-</i> | | 107-70-0 | 2293 | | 3 17 |
| 4117 # | 3-METHOXYPROPYLAMINE <i>1-PROPANAMINE, 3-METHOXY-</i> | | 5332-73-0 | 2734 | CO F3 | 3 15 17 |
| 1217 # | METHYL ACETATE <i>ACETIC ACID, METHYL ESTER</i> | | 79-20-9 | 1231 | F3 | 1 2 3 4 15 17 |

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| 1218 | # METHYL ACETYLENE <i>1-PROPYNE</i> | | 74-99-7 | 1954 | F4 R3 | 1 2 3 4 6 15 17 22 |
| 1219 | # METHYL ACRYLATE <i>2-PROPENOIC ACID, METHYL ESTER</i> | | 96-33-3 | 1919 | F3 R2 | 1 2 3 4 6 7 8 15 17 18 |
| 1220 | # METHYLACRYLONITRILE <i>2-PROPENENITRILE, 2-METHYL-</i> | | 126-98-7 | 3079 | F3 R2 | 2 3 4 6 8 15 17 18 19 20 21 22 |
| 1221 | # METHYLAL <i>METHANE, DIMETHOXY-</i> | | 109-87-5 | 1234 | F3 | 1 2 3 4 15 17 |
| 1222 | # METHYL ALCOHOL <i>METHANOL</i> | | 67-56-1 | 1230 | TE F3 | 1 2 3 4 6 8 15 17 18 20 21 |
| 1223 | # METHYL ALLYL CHLORIDE <i>1-PROPENE, 3-CHLORO-2-METHYL-</i> | | 563-47-3 | 2554 | F3 | 3 6 7 15 17 18 |
| 2555 | # METHYL ALUMINUM SESQUIBROMIDE <i>ALUMINUM, TRIBROMOTRIMETHYLDI-</i> | | 12263-85-3 | 3052 | F4 R3 | 2 3 4 15 17 |
| 1224 | # METHYL ALUMINUM SESQUICHLORIDE <i>ALUMINUM, TRICHLOROTRIMETHYLDI-</i> | | 12542-85-7 | 3052 | F4 R3 | 2 3 4 15 17 |
| 1225 | # METHYLAMINE <i>AMINOMETHANE</i> | | 74-89-5 | 1061 | F4 | 1 2 3 4 6 15 17 20 22 |

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| 1227 | METHYL AMYL ACETATE <i>2-PENTANOL, 4-METHYL, ACETATE</i> | | 108-84-9 | 1233 | | 1 2 3 4 15 17 |
| 1228 | METHYL AMYL ALCOHOL <i>2-PENTANOL, 4-METHYL-</i> | | 108-11-2 | 2053 | | 1 2 3 4 15 17 |
| 1279 | METHYL n-AMYL KETONE <i>2-HEPTANONE</i> | | 110-43-0 | 1110 | | 1 2 3 4 15 17 |
| 1229 | METHYLANILINE <i>BENZENAMINE, N-METHYL-</i> | | 100-61-8 | 2294 | | 1 2 3 4 17 |
| 1230 | METHYL BENZOATE <i>BENZOIC ACID, METHYL ESTER</i> | | 93-58-3 | 2938 | | 3 15 17 |
| 0049 | alpha-METHYLBENZYL ALCOHOL <i>BENZENEMETHANOL, .alpha.-METHYL-</i> | | 98-85-1 | 2937 | | 3 15 17 |
| 1232 | METHYL BROMOACETATE <i>ACETIC ACID, BROMO-, METHYL ESTER</i> | | 96-32-2 | 2643 | | 3 17 |
| 2925 | # 1-METHYL BUTADIENE <i>1,3-PENTADIENE</i> | | 504-60-9 | 1010 | F3 R2 | 3 6 15 17 20 21 22 |
| 4115 | # 3-METHYL-2-BUTANETHIOL <i>2-BUTANETHIOL, 3-METHYL-</i> | | 2084-18-6 | 1993 | F3 | 3 15 17 |

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| 4114 # | 2-METHYL-2-BUTANOL <i>2-BUTANOL, 2-METHYL-</i> | | 75-85-4 | 1105 | F3 | 3 15 17 |
| 1233 # | 2-METHYL-1-BUTENE <i>1-BUTENE, 2-METHYL-</i> | | 563-46-2 | 2459 | F4 | 3 6 15 17 22 |
| 3365 # | 2-METHYL-2-BUTENE <i>2-BUTENE, 2-METHYL-</i> | | 513-35-9 | 2460 | F4 | 3 15 17 |
| 3366 # | 3-METHYL-1-BUTENE <i>1-BUTENE, 3-METHYL-</i> | | 563-45-1 | 2561 | F4 | 3 6 15 17 22 |
| 1401 # | N-METHYLBUTYLAMINE <i>1-BUTANAMINE, N-METHYL-</i> | | 110-68-9 | 2945 | F3 | 3 15 17 |
| 1293 # | METHYL-tert-BUTYL ETHER <i>PROPANE, 2-METHOXY-2-METHYL-</i> | | 1634-04-4 | 2398 | F3 | 2 3 6 7 8 17 18 20 22 |
| 1280 # | METHYL n-BUTYL KETONE <i>2-HEXANONE</i> | | 591-78-6 | 1993 | F3 | 1 2 3 4 15 17 |
| 4113 # | 3-METHYL BUTYNOL <i>3-BUTYN-2-OL, 2-METHYL-</i> | | 115-19-5 | 1993 | F3 | 3 15 17 |
| 4185 # | 2-METHYL BUTYRALDEHYDE <i>BUTANAL, 2-METHYL-</i> | | 96-17-3 | 1993 | F3 | 3 15 17 |

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| 1234 | # METHYL BUTYRATE <i>BUTANOIC ACID, METHYL ESTER</i> | | 623-42-7 | 1237 | F3 | 3 15 17 |
| 1235 | # METHYL CHLORIDE <i>METHANE, CHLORO-</i> | | 74-87-3 | 1063 | TE F4 | 1 2 3 4 6 7 8 15 17 18 20 21 22 |
| 1236 | # METHYL CHLOROACETATE <i>ACETIC ACID, CHLORO-, METHYL ESTER</i> | | 96-34-4 | 2295 | CO | 3 15 17 |
| 1238 | # METHYL CHLOROFORMATE <i>CARBONCHLORIDIC ACID, METHYL ESTER</i> | | 79-22-1 | 1238 | CO F3 | 3 6 8 17 18 19 20 21 22 |
| 1239 | # METHYL-2-CHLOROPROPIONATE <i>PROPANOIC ACID, 2-CHLORO-, METHYL ESTER</i> | | 17639-93-9 | 2933 | F3 | 3 17 |
| 1240 | # METHYL CHLOROSILANE <i>SILANE, CHLOROMETHYL-</i> | | 993-00-0 | 2534 | CO F4 R2 | 3 17 |
| 1241 | METHYL-2-CYANOACRYLATE <i>2-PROPENOIC ACID, 2-CYANO-, METHYL ESTER</i> | | 137-05-3 | | | 2 4 |
| 1242 | # METHYLCYCLOHEXANE <i>CYCLOHEXANE, METHYL-</i> | | 108-87-2 | 2296 | F3 | 1 2 3 4 15 17 |
| 1243 | METHYL CYCLOHEXANOL <i>CYCLOHEXANOL, METHYL-</i> | | 25639-42-3 | 2617 | | 1 2 3 4 15 17 |

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| 1438 | o-METHYLCYCLOHEXANONE <i>CYCLOHEXANONE, 2-METHYL-</i> | | 583-60-8 | 2297 | | 1 2 3 4 15 17 |
| 1244 | METHYLCYCLOPENTADIENYL MANGANESE TRICARBONYL <i>MANGANESE, TRICARBONYL [(1,2,3,4,5-.eta.)-1-METHYL-2,4-CYCLOPENTADIEN-1-YL]-</i> | | 12108-13-3 | | | 2 4 6 18 19 |
| 1245 | # METHYL CYCLOPENTANE <i>CYCLOPENTANE, METHYL-</i> | | 96-37-7 | 2298 | F3 | 3 15 17 |
| 1247 | METHYL DICHLOROACETATE <i>ACETIC ACID, DICHLORO-, METHYL ESTER</i> | | 116-54-1 | 2299 | | 3 17 |
| 1249 | # METHYL DICHLOROSILANE <i>SILANE, DICHLOROMETHYL-</i> | | 75-54-7 | 1242 | CO F3 R2 | 3 15 17 |
| 4112 | # N-METHYLETHANOLAMINE <i>ETHANOL, 2-(METHYLAMINO)-</i> | | 109-83-1 | 2735 | CO | 3 15 17 |
| 1258 | # METHYL ETHYL KETONE <i>2-BUTANONE</i> | | 78-93-3 | 1193 | F3 | 1 2 3 4 8 15 17 18 20 21 |
| 1259 | # METHYL ETHYL KETONE PEROXIDE <i>2-BUTANONE, PEROXIDE</i> | | 1338-23-4 | 3101 | R4 | 2 3 4 17 20 21 |
| 1260 | # 2-METHYL-5-ETHYLPYRIDINE <i>PYRIDINE, 5-ETHYL-2-METHYL-</i> | | 104-90-5 | 2300 | CO | 3 15 17 |

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| 1261 | # METHYL FLUORIDE <i>METHANE, FLUORO-</i> | | 593-53-3 | 2454 | F3 | 3 17 |
| 1262 | # METHYL FORMATE <i>FORMIC ACID, METHYL ESTER</i> | | 107-31-3 | 1243 | F4 | 1 2 3 4 6 15 17 22 |
| 1263 | # 2-METHYLFURAN <i>FURAN, 2-METHYL-</i> | | 534-22-5 | 2301 | F3 | 3 15 17 |
| 4111 | # 3-METHYLHEXANE <i>HEXANE, 3-METHYL-</i> | | 589-34-4 | 1206 | F3 | 3 15 17 |
| 1265 | # METHYL HYDRAZINE <i>HYDRAZINE, METHYL-</i> | | 60-34-4 | 1244 | CA CO F3 R2 | 1 2 3 4 6 15 17 18 19 20 21 22 |
| 1267 | # METHYL ISOAMYL KETONE <i>2-HEXANONE, 5-METHYL-</i> | | 110-12-3 | 2302 | F3 | 1 2 3 4 15 17 |
| 1268 | # METHYL ISOBUTYL KETONE <i>2-PENTANONE, 4-METHYL-</i> | | 108-10-1 | 1245 | F3 | 1 2 3 4 6 8 15 17 18 20 21 |
| 1270 | # METHYL ISOCYANATE <i>METHANE, ISOCYANATO-</i> | | 624-83-9 | 2480 | F3 R2 | 1 2 3 4 6 8 15 17 18 19 20 21 22 |
| 2557 | # METHYL ISOPROPENYL KETONE <i>3-BUTEN-2-ONE, 3-METHYL-</i> | | 814-78-8 | 1246 | F3 | 3 15 17 |

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|------------------|--|------------|----------|------|-------|-----------------------------------|
| 1271 # | METHYL ISOPROPYL KETONE <i>2-BUTANONE, 3-METHYL-</i> | | 563-80-4 | 2397 | F3 | 2 3 4 17 |
| 1272 # | METHYL ISOTHIOCYANATE <i>METHANE, ISOTHIOCYANATO-</i> | | 556-61-6 | 2477 | F3 | 3 6 17 18 19 |
| 1273 # | METHYL ISOVALERATE <i>BUTANOIC ACID, 3-METHYL-, METHYL ESTER</i> | | 556-24-1 | 2400 | F3 | 3 17 |
| 1275 # | METHYL MERCAPTAN <i>METHANETHIOL</i> | | 74-93-1 | 1064 | F4 | 1 2 3 4 6 15 17 18 19 20 21 22 |
| 1277 # | METHYL METHACRYLATE <i>2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER</i> | | 80-62-6 | 1247 | F3 R2 | 1 2 3 4 6 7 8 15 17 18 20 21 |
| 1278 # | METHYLMORPHOLINE <i>MORPHOLINE, 4-METHYL-</i> | | 109-02-4 | 2535 | F3 | 3 15 17 |
| 4200 | 2-METHYL NAPHTHALENE see Fact Sheet # 4199 on 1-METHYL NAPHTHALENE <i>NAPHTHALENE, 2-METHYL-</i> | | 91-57-6 | 1993 | | 2 3 17 |
| 4199 | 1-METHYL NAPHTHALENE <i>NAPHTHALENE, 1-METHYL-</i> | | 90-12-0 | 1993 | | 2 3 17 |
| 1281 # | METHYL NITRITE <i>NITROUS ACID, METHYL ESTER</i> | | 624-91-9 | 2455 | F4 R3 | 3 17 |

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|------------------|--|------------|----------|------|-------|----------------------------------|
| 1297 | # N-METHYL-N-NITROSOETHYL CARBAMATE <i>CARBAMIC ACID, METHYLNITROSO-, ETHYL ESTER</i> | | 615-53-2 | 3082 | CA MU | 3 7 17 20 21 |
| 1283 | # METHYL PARATHION <i>PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(4-NITROPHENYL) ESTER</i> | | 298-00-0 | 2783 | F3 R2 | 2 3 4 6 7 8 14 17 18 19 20 21 |
| 1284 | # 4-METHYL-1,3-PENTADIENE <i>1,3-PENTADIENE, 4-METHYL-</i> | | 926-56-7 | 2461 | F3 | 3 15 17 |
| 1285 | # 2-METHYLPENTANE <i>PENTANE, 2-METHYL-</i> | | 107-83-5 | 1993 | F3 | 2 3 4 15 17 |
| 4026 | # METHYL PENTENES | | | 2288 | F3 | 3 15 17 |
| 1286 | # METHYLPHENYLDICHLOROSILANE <i>SILANE, DICHLOROMETHYLPHENYL-</i> | | 149-74-6 | 2437 | CO F3 | 3 6 17 19 |
| 1288 | # METHYL PHOSPHONOUS DICHLORIDE <i>PHOSPHONOUS DICHLORIDE, METHYL-</i> | | 676-83-5 | 2845 | F3 R3 | 3 17 |
| 4025 | # 1-METHYL PIPERAZINE <i>PIPERAZINE, 1-METHYL-</i> | | 109-01-3 | 2920 | CO | 3 15 17 |
| 1289 | # 1-METHYLPYPERIDINE <i>PIPERIDINE, 1-METHYL-</i> | | 626-67-5 | 2399 | F3 | 3 17 |

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| 4023 # | 2-METHYL-2-PROPANETHIOL <i>2-PROPANETHIOL, 2-METHYL-</i> | | 75-66-1 | 2347 | F3 | 3 15 17 |
| 1290 # | METHYL PROPIONATE <i>PROPANOIC ACID, METHYL ESTER</i> | | 554-12-1 | 1248 | F3 | 3 15 17 |
| 1291 # | METHYL PROPYL ETHER <i>PROPANE, 1-METHOXY-</i> | | 557-17-5 | 2612 | F3 | 3 15 17 |
| 1292 # | METHYL PROPYL KETONE <i>2-PENTANONE</i> | | 107-87-9 | 1249 | F3 | 1 2 3 4 15 17 |
| 4021 # | METHYLPYRROLIDINE <i>PYRROLIDINE, 1-METHYL-</i> | | 120-94-5 | 1993 | F3 | 3 15 17 |
| 3716 # | 1-METHYL-2-PYRROLIDONE <i>2-PYRROLIDINONE, 1-METHYL-</i> | | 872-50-4 | 1993 | TE | 3 6 15 17 18 |
| 1282 # | METHYL SILICATE <i>SILICIC ACID, TETRAMETHYL ESTER</i> | | 681-84-5 | 2606 | F3 | 2 3 4 15 17 |
| 1294 # | 2-METHYL TETRAHYDROFURAN <i>FURAN, TETRAHYDRO-2-METHYL-</i> | | 96-47-9 | 2536 | F3 | 3 15 17 |
| 2562 | METHYL THIOCYANATE <i>THIOCYANIC ACID, METHYL ESTER</i> | | 556-64-9 | 1935 | | 3 6 17 19 22 |

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| 1296 # | METHYL TRICHLOROSILANE <i>SILANE, TRICHLOROMETHYL-</i> | | 75-79-6 | 1250 | CO F3 R2 | 3 6 15 17 19 22 |
| 1299 # | 2-METHYL VALERALDEHYDE <i>PENTANAL, 2-METHYL-</i> | | 123-15-9 | 2367 | F3 | 3 15 17 |
| 1301 # | METHYL VINYL KETONE <i>3-BUTEN-2-ONE</i> | | 78-94-4 | 1251 | F3 R2 | 2 3 6 15 17 19 |
| 4006 # | MINERAL SPIRITS <i>PETROLEUM SPIRITS</i> | | 64475-85-0 | 1993 | F4 | 3 15 17 |
| 1315 # | MORPHOLINE <i>MORPHOLINE</i> | | 110-91-8 | 2054 | CO F3 | 1 2 3 4 7 15 17 |
| 0518 # | NAPHTHA <i>NAPHTHA</i> | | 8030-30-6 | 1268 | F4 | 1 2 3 4 15 17 |
| 1322 # | NAPHTHALENE <i>NAPHTHALENE</i> | | 91-20-3 | 1334 | CA | 1 2 3 4 5 6 7 8 15 17 18 20 21 |
| 1335 # | NEOHEXANE <i>BUTANE, 2,2-DIMETHYL-</i> | | 75-83-2 | 1208 | F3 | 2 3 4 15 17 |
| 1343 # | NICKEL CARBONYL <i>NICKEL CARBONYL (Ni(CO)4), (T-4)-</i> | | 13463-39-3 | 1259 | CA TE F3 R3 | 1 2 3 4 5 6 7 8 15 17 18 19 20 21 22 |

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| 1361 # | NITROBENZENE <i>BENZENE, NITRO-</i> | | 98-95-3 | 1662 | CA TE | 1 2 3 4 5 6 7 8 15 17 18 19 20 21 |
| 1366 # | NITROCELLULOSE <i>CELLULOSE, NITRATE</i> | | 9004-70-0 | 2556 | F3 R3 | 3 15 17 |
| 2588 # | NITROCYCLOHEXANE <i>CYCLOHEXANE, NITRO-</i> | | 1122-60-7 | 2810 | R2 | 3 6 15 17 19 |
| 1373 # | NITROETHANE <i>ETHANE, NITRO-</i> | | 79-24-3 | 2842 | F3 R3 | 1 2 3 4 15 17 |
| 1383 # | NITROGLYCERIN <i>1,2,3-PROPANETRIOL, TRINITRATE</i> | | 55-63-0 | 0143 | CO F3 R4 | 1 2 3 4 6 15 17 18 20 21 |
| 1384 # | NITROGUANIDINE <i>GUANIDINE, NITRO-</i> | | 556-88-7 | 0282 | F4 R3 | 3 8 17 |
| 1386 # | NITROMETHANE <i>METHANE, NITRO-</i> | | 75-52-5 | 1261 | CA F3 R4 | 1 2 3 4 5 7 15 17 |
| 1394 # | 1-NITROPROPANE <i>PROPANE, 1-NITRO-</i> | | 108-03-2 | 2608 | F3 R2 | 1 2 3 4 15 17 |
| 1392 # | 2-NITROPROPANE <i>PROPANE, 2-NITRO-</i> | | 79-46-9 | 2608 | CA F3 R2 | 1 2 3 4 5 6 7 8 15 17 18 20 21 |

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| 1404 | # N-NITROSODIETHYLAMINE <i>ETHANAMINE, N-ETHYL-N-NITROSO-</i> | | 55-18-5 | 3082 | CA MU | 3 5 6 7 8 17 18 20 21 |
| 1405 | # N-NITROSODIMETHYLAMINE <i>METHANAMINE, N-METHYL-N-NITROSO-</i> | | 62-75-9 | 3082 | CA MU | 1 2 3 4 5 6 7 8 17 18 19 20 21 |
| 1412 | # N-NITROSOPIPERIDINE <i>PIPERIDINE, 1-NITROSO-</i> | | 100-75-4 | 3082 | CA | 3 5 6 7 17 18 20 21 |
| 3000 | # N-NITROSPYRROLIDINE <i>PYRROLIDINE, 1-NITROSO-</i> | | 930-55-2 | 3082 | CA | 3 5 7 8 17 20 21 |
| 1395 | # NITROSTARCH <i>STARCH, NITRATE</i> | | 9056-38-6 | 0146 | F4 R3 | 3 17 |
| 1414 | # NONANE <i>NONANE</i> | | 111-84-2 | 1920 | F3 | 2 3 4 15 17 |
| 3404 | # 2,5-NORBORNADIENE <i>BICYCLO[2.2.1]HEPTA-2,5-DIENE</i> | | 121-46-0 | 2251 | F3 | 3 15 17 |
| 1429 | # OCTADECYL TRICHLOROSILANE <i>SILANE, TRICHLOROCTADECYL-</i> | | 112-04-9 | 1800 | CO R2 | 3 15 17 |
| 1430 | # OCTADIENE <i>OCTADIENE</i> | | 63597-41-1 | 2309 | F3 | 3 17 |

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| 1434 # | OCTANE <i>OCTANE</i> | | 111-65-9 | 1262 | F3 | 1 2 3 4 15 17 |
| 1435 | 1-OCTANETHIOL <i>1-OCTANETHIOL</i> | | 111-88-6 | 1228 | | 3 4 15 17 |
| 1446 # | 1,2-OXATHIOLANE 2,2-DIOXIDE <i>1,2-OXATHIOLANE, 2,2-DIOXIDE</i> | | 1120-71-4 | 3077 | CA MU | 2 3 4 5 6 7 17 18 20 21 |
| 2356 # | p,p'-OXYBIS (BENZENESULFONYL HYDRAZIDE) <i>BENZENESULFONIC ACID, 4,4'-OXYBIS-, DIHYDRAZIDE</i> | | 80-51-3 | 3226 | F3 R2 | 2 3 17 |
| 1454 | PARAFORMALDEHYDE <i>PARAFORMALDEHYDE</i> | | 30525-89-4 | 2213 | | 3 15 17 20 |
| 1455 # | PARALDEHYDE <i>1,3,5-TRIOXANE, 2,4,6-TRIMETHYL-</i> | | 123-63-7 | 1264 | F3 | 3 6 15 17 18 20 21 |
| 1470 # | PENTABORANE <i>PENTABORANE(9)</i> | | 19624-22-7 | 1380 | F4 R2 | 1 2 3 4 6 15 17 19 |
| 1475 | PENTAMETHYLHEPTANE <i>HEPTANE, PENTAMETHYL-</i> | | 30586-18-6 | 2286 | | 3 17 |
| 1476 # | PENTANE <i>PENTANE</i> | | 109-66-0 | 1265 | F4 | 1 2 3 4 6 15 17 22 |

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| 1477 | # PENTANE-2,4-DIONE <i>2,4-PENTANEDIONE</i> | | 123-54-6 | 2310 | F3 | 3 15 17 |
| 3618 | # 1-PENTENE see Fact Sheet # 0128 on n-PENTENE <i>1-PENTENE</i> | | 109-67-1 | 1108 | F4 | 3 6 15 17 |
| 3620 | # 2-PENTENE-cis see Fact Sheet # 0128 on n-PENTENE <i>2-PENTENE, (2Z)-</i> | | 627-20-3 | 1993 | F4 | 3 6 15 17 22 |
| 0128 | # n-PENTENE <i>PENTENE</i> | | 25377-72-4 | 1108 | F4 | 3 6 15 17 |
| 3619 | # 2-PENTENE, (E)- see Fact Sheet # 0128 on n-PENTENE <i>2-PENTENE, (2E)-</i> | | 646-04-8 | 1993 | F4 | 3 6 15 17 |
| 4014 | # PERFLUOROBUTYL ETHYLENE <i>1-HEXENE, 3,3,4,4,5,5,6,6,6-NONAFLUORO-</i> | | 19430-93-4 | 1954 | F4 | 2 3 17 |
| 1482 | # PEROXYACETIC ACID <i>ETHANEPEROXOIC ACID</i> | | 79-21-0 | 3105 | CO R4 | 3 6 15 17 18 19 22 |
| 2648 | # PETROLEUM DISTILLATES <i>PETROLEUM</i> | | 8002-05-9 | 1268 | F3 | 1 3 4 7 17 |
| 1487 | # PHENOL <i>PHENOL</i> | | 108-95-2 | 1671 | MU | 1 2 3 4 6 7 8 15 17 18 19 20 21 |

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| 1492 | PHENYLCARBYLAMINE CHLORIDE <i>CARBONIMIDIC DICHLORIDE, PHENYL-</i> | | 622-44-6 | 1672 | | 3 17 |
| 1493 | PHENYLCHLOROFORMATE <i>CARBONCHLORIDIC ACID, PHENYL ESTER</i> | | 1885-14-9 | 2746 | | 3 17 |
| 1494 | # PHENYLDICHLOROARSINE <i>ARSONOUS DICHLORIDE, PHENYL-</i> | | 696-28-6 | 1556 | F3 | 3 6 17 19 20 21 |
| 1500 | PHENYLHYDRAZINE <i>HYDRAZINE, PHENYL-</i> | | 100-63-0 | 2572 | | 1 2 3 4 15 17 |
| 2659 | PHENYLHYDRAZINE HYDROCHLORIDE <i>HYDRAZINE, PHENYL-, MONOHYDROCHLORIDE</i> | | 59-88-1 | 2572 | | 3 6 17 19 |
| 1501 | PHENYL ISOCYANATE <i>BENZENE, ISOCYANATO-</i> | | 103-71-9 | 2487 | | 3 17 |
| 1502 | # PHENYLMERCURIC ACETATE <i>MERCURY, (ACETATO-.kappa.O)PHENYL-</i> | | 62-38-4 | 1674 | CA TE | 1 2 3 4 6 7 8 15 17 18 19 20 21 |
| 1506 | # PHENYL TRICHLOROSILANE <i>SILANE, TRICHLOROPHENYL-</i> | | 98-13-5 | 1804 | CO R2 | 3 6 15 17 19 |
| 1514 | # PHOSPHINE <i>HYDROGEN PHOSPHIDE</i> | | 7803-51-2 | 2199 | F4 R2 | 1 2 3 4 6 8 15 17 18 19 20 21 22 |

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| 1520 # | PHOSPHORUS <i>PHOSPHORUS</i> | | 7723-14-0 | 1338 | F4 R2 | 1 2 3 4 6 8 14 15 17 18 19 20 |
| 1521 # | PHOSPHORUS HEPTASULPHIDE <i>PHOSPHORUS SULFIDE</i> | | 12037-82-0 | 1339 | F3 R2 | 3 17 |
| 1528 # | PHOSPHORUS SESQUISULFIDE <i>3,5,7-TRITHIA-1,2,4,6-TETRAPHOSPHATRICYCLO[2.2.1.02,6]HEPTANE</i> | | 1314-85-8 | 1341 | R2 | 3 17 |
| 1533 # | PHOSPHORUS TRISULFIDE <i>PHOSPHORUS SULFIDE (P2S3)</i> | | 12165-69-4 | 1343 | F3 | 3 17 |
| 1537 | PICOLINE <i>PYRIDINE, METHYL-</i> | | 1333-41-1 | 2313 | | 3 17 |
| 2955 # | 2-PICOLINE <i>PYRIDINE, 2-METHYL-</i> | | 109-06-8 | 2313 | F3 | 3 6 15 17 18 20 21 |
| 0052 # | alpha-PINENE <i>BICYCLO[3.1.1]HEPT-2-ENE, 2,6,6-TRIMETHYL-</i> | | 80-56-8 | 2368 | F3 | 2 3 15 17 |
| 2684 | PINE OIL <i>OILS, PINE</i> | | 8002-09-3 | 1272 | | 3 15 17 |
| 1540 # | PIPERAZINE <i>PIPERAZINE</i> | | 110-85-0 | 2579 | CO | 3 15 17 |

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| 1543 | # PIPERIDINE <i>PIPERIDINE</i> | | 110-89-4 | 2401 | F3 | 3 6 15 17 19 22 |
| 1547 | # PLATINUM <i>PLATINUM</i> | | 7440-06-4 | 3089 | F3 | 1 2 3 4 17 |
| 1555 | # POTASSIUM <i>POTASSIUM</i> | | 7440-09-7 | 2257 | F3 R2 | 3 15 17 |
| 1558 | # POTASSIUM BOROXYDRIDE <i>BORATE(1-), TETRAHYDRO-, POTASSIUM</i> | | 13762-51-1 | 1870 | F3 | 3 17 |
| 1570 | # POTASSIUM HYDROSULFITE <i>DITHIONOUS ACID, DIPOTASSIUM SALT</i> | | 14293-73-3 | 1929 | F3 R3 | 3 17 |
| 1593 | # PROPADIENE <i>1,2-PROPADIENE</i> | | 463-49-0 | 2200 | F4 R3 | 3 6 17 22 |
| 1594 | # PROPANE <i>PROPANE</i> | | 74-98-6 | 1978 | F4 | 1 2 3 4 6 15 17 22 |
| 1595 | # 1-PROPANETHIOL <i>1-PROPANETHIOL</i> | | 107-03-9 | 2402 | F3 | 3 4 17 |
| 4190 | 2-PROPANOL, 1-AMINO- <i>2-PROPANOL, 1-AMINO-</i> | | 78-96-6 | 1993 | | 3 15 17 |

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| 1596 | # PROPARGITE <i>SULFUROUS ACID, 2-[4-(1,1-DIMETHYLETHYL)PHENOXY] CYCLOHEXYL 2-PROPYNYL ESTER</i> | | 2312-35-8 | 2765 | TE F3 | 3 6 8 17 18 20 |
| 1597 | # PROPARGYL ALCOHOL <i>2-PROPYN-1-OL</i> | | 107-19-7 | 1986 | F3 R3 | 2 3 4 6 8 15 17 18 20 21 |
| 0228 | # beta-PROPIOLACTONE <i>2-OXETANONE</i> | | 57-57-8 | | CA CO MU | 1 2 4 5 6 7 8 15 18 19 20 |
| 1598 | # PROPIONALDEHYDE <i>PROPANAL</i> | | 123-38-6 | 1275 | F3 R2 | 2 3 6 8 15 17 18 20 |
| 1599 | # PROPIONIC ACID <i>PROPANOIC ACID</i> | | 79-09-4 | 1848 | CO | 2 3 4 15 17 20 |
| 1600 | # PROPIONIC ANHYDRIDE <i>PROPANOIC ACID, ANHYDRIDE</i> | | 123-62-6 | 2496 | CO | 3 15 17 20 |
| 1601 | # PROPIONITRILE <i>PROPANENITRILE</i> | | 107-12-0 | 2404 | F3 | 3 4 6 15 17 19 20 21 22 |
| 1602 | # PROPIONYL CHLORIDE <i>PROPANOYL CHLORIDE</i> | | 79-03-8 | 1815 | F3 R2 | 3 15 17 |
| 1419 | # n-PROPYL ACETATE <i>ACETIC ACID, PROPYL ESTER</i> | | 109-60-4 | 1276 | F3 | 1 2 3 4 15 17 |

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| 1605 | # PROPYL ALCOHOL <i>1-PROPANOL</i> | | 71-23-8 | 1274 | F3 | 1 2 3 4 15 17 |
| 1606 | # PROPYLAMINE <i>1-PROPANAMINE</i> | | 107-10-8 | 1277 | F3 | 3 15 17 20 21 |
| 1607 | # PROPYL BENZENE <i>BENZENE, PROPYL-</i> | | 103-65-1 | 2364 | F3 | 3 15 17 |
| 2062 | # PROPYL CHLORIDE <i>PROPANE, 1-CHLORO-</i> | | 540-54-5 | 1278 | F3 | 3 15 17 22 |
| 1608 | # PROPYL CHLOROFORMATE <i>CARBONCHLORIDIC ACID, PROPYL ESTER</i> | | 109-61-5 | 2740 | F3 | 3 6 17 19 22 |
| 1609 | # PROPYLENE <i>1-PROPENE</i> | | 115-07-1 | 1077 | F4 | 2 3 6 7 15 17 18 22 |
| 1611 | # PROPYLENEDIAMINE <i>1,2-PROPANEDIAMINE</i> | | 78-90-0 | 2258 | CO F3 | 3 15 17 |
| 1613 | # PROPYLENE GLYCOL MONOMETHYL ETHER <i>2-PROPANOL, 1-METHOXY-</i> | | 107-98-2 | 3092 | F3 | 2 3 4 8 15 17 |
| 1614 | # PROPYLENE IMINE <i>AZIRIDINE, 2-METHYL-</i> | | 75-55-8 | 1921 | CA F3 | 1 2 3 4 5 6 7 8 17 18 19 20 21 22 |

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| 1615 | # PROPYLENE OXIDE <i>OXIRANE, METHYL-</i> | | 75-56-9 | 1280 | CA MU F4 R2 | 1 2 3 4 5 6 7 8 15 17 18 19 20 22 |
| 1616 | # PROPYL FORMATE <i>FORMIC ACID, PROPYL ESTER</i> | | 110-74-7 | 1281 | F3 | 3 15 17 |
| 1617 | # PROPYL ISOCYANATE <i>PROPANE, 1-ISOCYANATO-</i> | | 110-78-1 | 2482 | F3 | 3 17 |
| 1420 | # n-PROPYL NITRATE <i>NITRIC ACID, PROPYL ESTER</i> | | 627-13-4 | 1865 | F3 R3 | 1 2 3 4 15 17 |
| 1619 | # PROPYL TRICHLOROSILANE <i>SILANE, TRICHLOROPROPYL-</i> | | 141-57-1 | 1816 | CO F3 | 3 15 17 |
| 2716 | PSEUDOCUMENE <i>BENZENE,1,2,4-TRIMETHYL-</i> | | 95-63-6 | 2325 | | 2 3 4 6 15 17 18 |
| 1623 | PYRETHRUM <i>PYRETHRINS AND PYRETHROIDS</i> | | 8003-34-7 | 3352 | | 1 2 3 4 17 20 |
| 1624 | # PYRIDINE <i>PYRIDINE</i> | | 110-86-1 | 1282 | F3 | 1 2 3 4 6 7 8 15 17 18 20 21 |
| 2717 | PYRIDINE, 2-METHYL-5-VINYL- <i>PYRIDINE, 5-ETHENYL-2-METHYL-</i> | | 140-76-1 | 3073 | | 3 6 17 19 |

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| 1626 | # PYRROLIDINE <i>PYRROLIDINE</i> | | 123-75-1 | 1922 | F3 | 3 15 17 |
| 1628 | # QUINOLINE <i>QUINOLINE</i> | | 91-22-5 | 2656 | CA MU | 3 6 8 15 17 18 20 |
| 1639 | # RUBIDIUM <i>RUBIDIUM</i> | | 7440-17-7 | 1423 | F3 R2 | 3 17 |
| 2768 | # SILANE, (4-AMINOBTYL)DIETHOXYMETHYL- <i>1-BUTANAMINE, 4-(DIETHOXYMETHYLSILYL)-</i> | | 3037-72-7 | 2810 | CO | 3 6 15 17 19 |
| 3125 | # SILICON <i>SILICON</i> | | 7440-21-3 | 1346 | F3 | 1 3 4 17 |
| 1668 | # SILICON TETRAHYDRIDE <i>SILANE</i> | | 7803-62-5 | 2203 | F4 R3 | 2 3 4 6 15 17 22 |
| 1669 | # SILVER <i>SILVER</i> | | 7440-22-4 | 3089 | F3 | 1 2 3 4 6 8 17 18 20 |
| 1673 | # SILVER PICRATE <i>PHENOL, 2,4,6-TRINITRO-, SILVER(1+) SALT</i> | | 146-84-9 | 1347 | F3 | 1 2 3 4 6 17 |
| 1674 | # SODIUM <i>SODIUM</i> | | 7440-23-5 | 1428 | F3 R2 | 3 15 17 20 |

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| Substance Number | Common Name <i>Chemical Name</i> | Flammables | CAS | DOT | SHHC | Sources |
|------------------|---|------------|------------|------|-------|---------------|
| 1677 # | SODIUM ALUMINUM HYDRIDE <i>ALUMINATE(1-), TETRAHYDRO-, SODIUM, (T-4)-</i> | | 13770-96-2 | 2835 | F3 R3 | 3 17 |
| 1702 # | SODIUM HYDRIDE <i>SODIUM HYDRIDE (NaH)</i> | | 7646-69-7 | 1427 | F3 R2 | 3 15 17 |
| 1705 # | SODIUM HYDROSULFIDE <i>SODIUM SULFIDE (Na(SH))</i> | | 16721-80-5 | 2318 | CO | 3 17 20 |
| 1709 # | SODIUM METHYLATE <i>METHANOL, SODIUM SALT</i> | | 124-41-4 | 1431 | F4 R2 | 3 17 20 |
| 1725 # | SODIUM PHOSPHIDE <i>SODIUM PHOSPHIDE (Na3P)</i> | | 12058-85-4 | 1432 | F3 R2 | 3 17 |
| 2780 # | SODIUM PICRAMATE <i>PHENOL, 2-AMINO-4,6-DINITRO-, MONOSODIUM SALT</i> | | 831-52-7 | 1349 | F3 R3 | 3 17 |
| 1735 # | STIBINE <i>STIBINE</i> | | 7803-52-3 | 2676 | F4 R2 | 1 2 3 4 15 17 |
| 1736 | STODDARD SOLVENT <i>STODDARD SOLVENT</i> | | 8052-41-3 | 1268 | | 1 2 3 4 15 17 |
| 1746 # | STRONTIUM PHOSPHIDE <i>STRONTIUM PHOSPHIDE (Sr3P2)</i> | | 12504-16-4 | 2013 | F3 R2 | 3 17 |

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| Substance Number | Common Name <i>Chemical Name</i> | Flammables | CAS | DOT | SHHC | Sources |
|------------------|--|------------|------------|------|----------|---------------------------------|
| 1748 # | STYRENE MONOMER <i>BENZENE, ETHENYL-</i> | | 100-42-5 | 2055 | CA F3 R2 | 1 2 3 4 6 7 8 15 17 18 20 22 |
| 1749 # | STYRENE OXIDE <i>OXIRANE, PHENYL-</i> | | 96-09-3 | 3082 | CA MU | 3 5 6 7 15 17 18 20 |
| 1753 # | SULFALLATE <i>CARBAMODITHIOIC ACID, DIETHYL-, 2-CHLORO-2-PROPENYL ESTER</i> | | 95-06-7 | 2991 | CA | 3 5 7 17 |
| 2796 | TABUN <i>PHOSPHORAMIDOCYANIDIC ACID, DIMETHYL-, ETHYL ESTER</i> | | 77-81-6 | 2810 | | 3 6 17 19 |
| 1775 | TANTALUM <i>TANTALUM</i> | | 7440-25-7 | 3089 | | 1 3 4 17 |
| 4093 | TANTALUM OXIDE <i>TANTALUM OXIDE (Ta2O5)</i> | | 1314-61-0 | 3089 | | 1 3 4 17 |
| 1777 # | TELLURIUM <i>TELLURIUM</i> | | 13494-80-9 | 1325 | F3 | 1 2 3 4 17 |
| 2801 | TERBUFOS <i>PHOSPHORODITHIOIC ACID, S-[[[(1,1-DIMETHYLETHYL) THIO] METHYL] O,O-DIETHYL ESTER</i> | | 13071-79-9 | 3018 | | 2 3 6 17 19 |
| 1785 # | TERPINOLENE <i>CYCLOHEXENE, 1-METHYL-4-(1-METHYLETHYLIDENE)-</i> | | 586-62-9 | 2541 | F3 | 3 17 |

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| Substance Number | Common Name <i>Chemical Name</i> | Flammables | CAS | DOT | SHHC | Sources |
|------------------|--|------------|-----------|------|----------|--------------------------------------|
| 1817 # | TETRAETHYL LEAD <i>PLUMBANE, TETRAETHYL-</i> | | 78-00-2 | 1649 | CA R2 | 1 2 3 4 5 6 7 8 15 17 18 19 20 21 |
| 2803 | TETRAETHYL TIN <i>STANNANE, TETRAETHYL-</i> | | 597-64-8 | 2788 | | 1 2 3 4 6 17 19 |
| 1819 # | TETRAFLUOROETHYLENE <i>ETHENE, TETRAFLUORO-</i> | | 116-14-3 | 1081 | CA F4 R3 | 2 3 5 6 7 15 17 22 |
| 1822 | 1,2,3,6-TETRAHYDROBENZALDEHYDE <i>3-CYCLOHEXENE-1-CARBOXALDEHYDE</i> | | 100-50-5 | 2498 | | 3 15 17 |
| 1823 # | TETRAHYDROFURAN <i>FURAN, TETRAHYDRO-</i> | | 109-99-9 | 2056 | F3 | 1 2 3 4 15 17 20 21 |
| 1824 | TETRAHYDROFURFURYLAMINE <i>2-FURANMETHANAMINE, TETRAHYDRO-</i> | | 4795-29-3 | 2943 | | 3 17 |
| 1826 | 1,2,3,6-TETRAHYDROPYRIDINE <i>PYRIDINE, 1,2,3,6-TETRAHYDRO-</i> | | 694-05-3 | 2410 | | 3 17 |
| 1827 # | TETRAHYDROTHIOPHENE <i>THIOPHENE, TETRAHYDRO-</i> | | 110-01-0 | 2412 | F3 | 3 17 |
| 1829 # | TETRAMETHYL AMMONIUM HYDROXIDE <i>METHANAMINIUM, N,N,N-TRIMETHYL-, HYDROXIDE</i> | | 75-59-2 | 1835 | CO F3 | 3 17 |

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| Substance Number | Common Name <i>Chemical Name</i> | Flammables | CAS | DOT | SHHC | Sources |
|------------------|--|------------|------------|------|----------|------------------------------------|
| 1831 | # TETRAMETHYL LEAD <i>PLUMBANE, TETRAMETHYL-</i> | | 75-74-1 | 3082 | CA F3 R3 | 1 2 3 4 5 6 7 15 17 18 19 20 22 |
| 1833 | # TETRAMETHYL SILANE <i>SILANE, TETRAMETHYL-</i> | | 75-76-3 | 2749 | F4 R2 | 3 6 17 22 |
| 2805 | TETRAPROPYLOROTHITANATE <i>1-PROPANOL, TITANIUM(4+) SALT</i> | | 3087-37-4 | 2413 | | 3 17 |
| 1840 | # THALLIUM <i>THALLIUM</i> | | 7440-28-0 | 3089 | F3 | 1 2 3 4 6 17 18 20 |
| 1843 | 4-THIAPENTANAL <i>PROPANAL, 3-(METHYLTHIO)-</i> | | 3268-49-3 | 2785 | | 3 15 17 |
| 1845 | # THIOACETIC ACID <i>ETHANETHIOIC ACID</i> | | 507-09-5 | 2436 | F3 | 3 17 |
| 2819 | THIOCYANIC ACID, (2-BENZOTHIAZOLYLTHIO)METHYL ESTER <i>THIOCYANIC ACID, (2-BENZOTHIAZOLYLTHIO)METHYL ESTER</i> | | 21564-17-0 | | | 14 |
| 2821 | THIOGLYCOL <i>ETHANOL, 2-MERCAPTO-</i> | | 60-24-2 | 2966 | | 3 15 17 |
| 1849 | THIOLACTIC ACID <i>PROPANOIC ACID, 2-MERCAPTO-</i> | | 79-42-5 | 2936 | | 3 17 |

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|------------------|--|------------|------------|------|-------|---------------------------------|
| 1851 | # THIOPHENE <i>THIOPHENE</i> | | 110-02-1 | 2414 | F3 | 3 15 17 |
| 1854 | # THIRAM <i>THIOPEROXYDICARBONIC DIAMIDE([(H2N)C(S)]2S2), TETRAMETHYL-</i> | | 137-26-8 | 2771 | MU TE | 1 2 3 4 6 7 8 17 18 20 21 |
| 1855 | # THORIUM <i>THORIUM</i> | | 7440-29-1 | 2975 | F3 R3 | 3 17 |
| 1858 | # TIN <i>TIN</i> | | 7440-31-5 | 3089 | F3 | 1 2 3 4 17 |
| 1860 | # TITANIUM <i>TITANIUM</i> | | 7440-32-6 | 2546 | F3 | 3 17 |
| 1862 | # TITANIUM HYDRIDE <i>TITANIUM HYDRIDE</i> | | 11140-68-4 | 1871 | F3 | 3 17 |
| 1865 | # TITANIUM TRICHLORIDE <i>TITANIUM CHLORIDE (TiCl3)</i> | | 7705-07-9 | 2441 | F3 R3 | 3 17 |
| 1866 | # TOLUENE <i>BENZENE, METHYL-</i> | | 108-88-3 | 1294 | TE F3 | 1 2 3 4 6 7 8 15 17 18 20 21 |
| 1318 | m-TOLUIDINE <i>BENZENAMINE, 3-METHYL-</i> | | 108-44-1 | 1708 | | 2 3 4 17 |

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| Substance Number | Common Name <i>Chemical Name</i> | Flammables | CAS | DOT | SHHC | Sources |
|------------------|--|------------|------------|------|----------|---------------------------------|
| 1442 # | o-TOLUIDINE <i>BENZENAMINE, 2-METHYL-</i> | | 95-53-4 | 1708 | CA MU | 1 2 3 4 5 6 7 15 17 18 20 21 |
| 1622 | p-TOLUIDINE <i>BENZENAMINE, 4-METHYL-</i> | | 106-49-0 | 1708 | | 2 3 4 15 17 20 21 |
| 1875 | TRIALLYLAMINE <i>2-PROPEN-1-AMINE, N,N-DI-2-PROPENYL-</i> | | 102-70-5 | 2610 | | 3 17 |
| 1878 # | TRIBUTYL ALUMINUM <i>ALUMINUM, TRIBUTYL-</i> | | 1116-70-7 | 3051 | F4 R3 | 2 3 4 15 17 |
| 1879 # | TRIBUTYLAMINE <i>1-BUTANAMINE, N,N-DIBUTYL-</i> | | 102-82-9 | 2542 | CO | 3 15 17 |
| 2836 # | TRICHLORO(CHLOROMETHYL)SILANE <i>SILANE,TRICHLORO(CHLOROMETHYL)-</i> | | 1558-25-4 | 1295 | CO R2 | 3 6 17 19 |
| 1902 # | 1,2,3-TRICHLOROPROPANE <i>PROPANE, 1,2,3-TRICHLORO-</i> | | 96-18-4 | 2810 | CA MU | 1 2 3 4 5 6 7 8 15 17 18 |
| 1903 # | TRICHLOROSILANE <i>SILANE, TRICHLORO-</i> | | 10025-78-2 | 1295 | CO F4 R2 | 3 6 15 17 22 |
| 2838 # | TRIETHOXSILANE <i>SILANE, TRIETHOXY-</i> | | 998-30-1 | 2810 | F3 | 3 6 17 19 |

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| Substance Number | Common Name <i>Chemical Name</i> | Flammables | CAS | DOT | SHHC | Sources |
|------------------|--|------------|------------|------|-------|-------------------------------|
| 1906 # | TRIETHYL ALUMINUM <i>ALUMINUM, TRIETHYL-</i> | | 97-93-8 | 3051 | F4 R3 | 2 3 4 15 17 20 |
| 1907 # | TRIETHYLAMINE <i>ETHANAMINE, N,N-DIETHYL-</i> | | 121-44-8 | 1296 | F3 | 1 2 3 4 6 8 15 17 18 20 21 |
| 1909 | TRIETHYL PHOSPHITE <i>PHOSPHOROUS ACID, TRIETHYL ESTER</i> | | 122-52-1 | 2323 | | 3 17 |
| 1913 # | TRIFLUOROCHLOROETHYLENE <i>ETHENE, CHLOROTRIFLUORO-</i> | | 79-38-9 | 1082 | F4 R3 | 3 6 15 17 22 |
| 1914 # | TRIFLUOROETHANE <i>ETHANE, TRIFLUORO-</i> | | 27987-06-0 | 2035 | F4 | 3 17 |
| 1917 | 2-TRIFLUOROMETHYL ANILINE <i>BENZENAMINE, 2-(TRIFLUOROMETHYL)-</i> | | 88-17-5 | 2942 | | 3 17 |
| 1916 | 3-TRIFLUOROMETHYL ANILINE <i>BENZENAMINE, 3-(TRIFLUOROMETHYL)-</i> | | 98-16-8 | 2948 | | 3 6 17 19 |
| 1919 # | TRIISOBUTYL ALUMINUM <i>ALUMINUM, TRIS(2-METHYLPROPYL)-</i> | | 100-99-2 | 3051 | F4 R3 | 2 3 4 15 17 20 |
| 1920 # | TRIISOBUTYLENE <i>1-PROPENE, 2-METHYL-, TRIMER</i> | | 7756-94-7 | 2324 | F3 | 3 17 |

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| Substance Number | Common Name <i>Chemical Name</i> | Flammables | CAS | DOT | SHHC | Sources |
|------------------|--|------------|------------|------|----------|------------------------|
| 1921 | # TRIISOPROPYL BORATE <i>BORIC ACID (H3BO3), TRIS(1-METHYLETHYL) ESTER</i> | | 5419-55-6 | 2616 | F3 | 3 15 17 |
| 3131 | # TRIMETHOXYSILANE <i>SILANE, TRIMETHOXY-</i> | | 2487-90-3 | 9269 | F3 R2 | 3 15 17 |
| 1925 | # TRIMETHYLACETYL CHLORIDE <i>PROPANOYL CHLORIDE, 2,2-DIMETHYL-</i> | | 3282-30-2 | 2438 | F3 | 3 17 |
| 1926 | # TRIMETHYL ALUMINUM <i>ALUMINUM, TRIMETHYL-</i> | | 75-24-1 | 3051 | F3 R3 | 2 3 4 15 17 20 |
| 1927 | # TRIMETHYLAMINE <i>METHANAMINE, N,N-DIMETHYL-</i> | | 75-50-3 | 1083 | F4 | 2 3 4 6 15 17 20 22 |
| 1929 | TRIMETHYL BENZENE (mixed isomers) <i>BENZENE, TRIMETHYL-</i> | | 25551-13-7 | 2325 | | 2 3 4 15 17 |
| 1930 | # TRIMETHYLBORATE <i>BORIC ACID (H3BO3), TRIMETHYL ESTER</i> | | 121-43-7 | 2416 | F3 | 3 15 17 |
| 1931 | # TRIMETHYLCHLOROSILANE <i>SILANE, CHLOROTRIMETHYL-</i> | | 75-77-4 | 1298 | CO F3 R2 | 3 6 15 17 19 22 |
| 1935 | # TRIMETHYL PHOSPHITE <i>PHOSPHOROUS ACID, TRIMETHYL ESTER</i> | | 121-45-9 | 2329 | F3 R2 | 2 3 4 15 17 |

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| Substance Number | Common Name <i>Chemical Name</i> | Flammables | CAS | DOT | SHHC | Sources |
|------------------|---|------------|------------|------|----------|--------------------|
| 1938 | # TRINITROBENZENE <i>BENZENE, 1,3,5-TRINITRO-</i> | | 99-35-4 | 1354 | F3 R3 | 3 8 17 20 21 |
| 1939 | # TRINITROBENZENESULFONIC ACID <i>BENZENESULFONIC ACID, 2,4,6-TRINITRO-</i> | | 2508-19-2 | 0386 | F3 R3 | 3 17 |
| 1940 | # TRINITROBENZOIC ACID <i>BENZOIC ACID, 2,4,6-TRINITRO-</i> | | 129-66-8 | 0215 | F4 R4 | 3 17 |
| 1941 | # TRINITROCHLOROBENZENE <i>BENZENE, CHLOROTRINITRO-</i> | | 28260-61-9 | 0155 | F4 R4 | 3 17 |
| 1946 | # 2,4,6-TRINITROPHENOL <i>PHENOL, 2,4,6-TRINITRO-</i> | | 88-89-1 | 0154 | F4 R4 | 1 2 3 4 6 15 17 18 |
| 1947 | # TRINITRORESORCINOL <i>1,3-BENZENEDIOL, 2,4,6-TRINITRO-</i> | | 82-71-3 | 0219 | F4 R3 | 3 17 |
| 1948 | # 2,4,6-TRINITROTOLUENE <i>BENZENE, 2-METHYL-1,3,5-TRINITRO-</i> | | 118-96-7 | 0209 | CA F4 R4 | 1 2 3 4 7 8 17 |
| 1954 | # TRIPROPYL ALUMINUM <i>ALUMINUM, TRIPROPYL-</i> | | 102-67-0 | 3051 | F3 R3 | 2 3 4 15 17 20 |
| 1955 | # TRIPROPYLAMINE <i>1-PROPANAMINE, N,N-DIPROPYL-</i> | | 102-69-2 | 2260 | F3 | 3 15 17 |

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|------------------|--|------------|------------|------|----------|------------------------------------|
| 1956 # | TRIPROPYLENE <i>1-PROPENE, TRIMER</i> | | 13987-01-4 | 2057 | F3 | 3 15 17 |
| 1959 # | TUNGSTEN <i>TUNGSTEN</i> | | 7440-33-7 | 1325 | F3 | 2 3 4 17 |
| 1962 # | TURPENTINE <i>TURPENTINE, OIL</i> | | 8006-64-2 | 1299 | F3 | 1 2 3 4 15 17 |
| 1963 | UNDECANE <i>UNDECANE</i> | | 1120-21-4 | 2330 | | 3 15 17 |
| 1969 # | URANIUM <i>URANIUM</i> | | 7440-61-1 | 2979 | F3 R3 | 1 2 3 4 8 17 |
| 1984 # | UREA NITRATE <i>UREA, MONONITRATE</i> | | 124-47-0 | 1357 | R3 | 3 17 |
| 1987 # | VALERALDEHYDE <i>PENTANAL</i> | | 110-62-3 | 2058 | F3 | 2 3 4 15 17 |
| 1989 # | VALERYL CHLORIDE <i>PENTANOYL CHLORIDE</i> | | 638-29-9 | 2502 | CO F3 | 3 17 |
| 1998 # | VINYL ACETATE <i>ACETIC ACID ETHENYL ESTER</i> | | 108-05-4 | 1301 | CA F3 R2 | 1 2 3 4 6 7 8 15 17 18 19 20 22 |

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| Substance Number | Common Name <i>Chemical Name</i> | Flammables | CAS | DOT | SHHC | Sources |
|------------------|--|------------|----------|------|-------------------|--------------------------------------|
| 3626 # | VINYL ACETYLENE <i>1-BUTEN-3-YNE</i> | | 689-97-4 | 1954 | F4 R3 | 3 6 15 17 22 |
| 1999 # | VINYL BROMIDE <i>ETHENE, BROMO-</i> | | 593-60-2 | 1085 | CA F4 | 2 3 4 5 6 7 8 15 17 18 20 |
| 2000 # | VINYL BUTYRATE <i>BUTANOIC ACID, ETHENYL ESTER</i> | | 123-20-6 | 2838 | F3 R2 | 3 15 17 |
| 2001 # | VINYL CHLORIDE <i>ETHENE, CHLORO-</i> | | 75-01-4 | 1086 | CA MU TE F4 R2 | 1 2 3 4 5 6 7 8 15 17 18 20 21 22 |
| 3495 # | 4-VINYLCYCLOHEXENE <i>CYCLOHEXENE, 4-ETHENYL-</i> | | 100-40-3 | 1993 | CA F3 R2 | 2 3 7 15 17 |
| 2004 # | VINYL ETHYL ETHER <i>ETHENE, ETHOXY-</i> | | 109-92-2 | 1302 | F4 R2 | 3 6 15 17 22 |
| 2005 # | VINYL FLUORIDE <i>ETHENE, FLUORO-</i> | | 75-02-5 | 1860 | CA F4 R2 | 2 3 4 5 6 7 15 17 22 |
| 2006 # | VINYLDENE CHLORIDE <i>ETHENE, 1,1-DICHLORO-</i> | | 75-35-4 | 1303 | CA F4 R2 | 2 3 4 6 7 8 15 17 18 20 21 22 |
| 2007 # | VINYLDENE FLUORIDE <i>ETHENE, 1,1-DIFLUORO-</i> | | 75-38-7 | 1959 | F4 R2 | 2 3 4 6 7 15 17 22 |

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|------------------|--|------------|------------|------|-------|---------------------------------|
| 2008 # | VINYL ISOBUTYL ETHER <i>PROPANE, 1-(ETHENYLOXY)-2-METHYL-</i> | | 109-53-5 | 1304 | F3 R2 | 3 15 17 |
| 2009 # | VINYL METHYL ETHER <i>ETHENE, METHOXY-</i> | | 107-25-5 | 1087 | F4 R2 | 3 6 15 17 22 |
| 2010 # | VINYL TOLUENE <i>BENZENE, ETHENYLMETHYL-</i> | | 25013-15-4 | 2618 | R2 | 1 2 3 4 7 15 17 |
| 2011 # | VINYL TRICHLOROSILANE <i>SILANE, TRICHLOROETHENYL-</i> | | 75-94-5 | 1305 | F3 R2 | 3 15 17 |
| 0206 # | VM & P NAPHTHA <i>LIGROINE</i> | | 8032-32-4 | 1268 | F3 | 2 3 4 15 17 |
| 2902 # | m-XYLENE see Fact Sheet # 2014 on XYLENE <i>BENZENE, 1,3-DIMETHYL-</i> | | 108-38-3 | 1307 | F3 | 1 2 3 4 6 15 17 18 20 21 |
| 2903 # | o-XYLENE see Fact Sheet # 2014 on XYLENE <i>BENZENE, 1,2-DIMETHYL-</i> | | 95-47-6 | 1307 | F3 | 1 2 3 4 6 15 17 18 20 21 |
| 2904 # | p-XYLENE see Fact sheet # 2014 on XYLENE <i>BENZENE, 1,4-DIMETHYL-</i> | | 106-42-3 | 1307 | F3 | 1 2 3 4 6 15 17 18 20 21 |
| 2014 # | XYLENES <i>BENZENE, DIMETHYL-</i> | | 1330-20-7 | 1307 | F3 | 1 2 3 4 6 7 8 15 17 18 20 21 |

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|------------------|---|------------|-----------|------|------|-------------------------------|
| 2021 # | ZINC <i>ZINC</i> | | 7440-66-6 | 1436 | F3 | 3 6 8 17 18 20 |
| 2041 # | ZINC PHOSPHIDE <i>ZINC PHOSPHIDE (Zn3P2)</i> | | 1314-84-7 | 1714 | F3 | 3 6 8 14 15 17 18 19 20 21 |
| 4033 | ZINC STEARATE <i>OCTADECANOIC ACID, ZINC SALT</i> | | 557-05-1 | 3077 | | 1 2 3 4 6 15 17 18 20 |
| 2047 # | ZIRCONIUM <i>ZIRCONIUM</i> | | 7440-67-7 | 2008 | F4 | 1 2 3 4 17 |
| 2048 # | ZIRCONIUM HYDRIDE <i>ZIRCONIUM HYDRIDE (ZrH2)</i> | | 7704-99-6 | 1437 | F3 | 1 2 3 4 17 |