

| NO | CHEMICAL ENVIRONMENT | Conc % | Unsaturated Polyester Resins | Vinylster (Epoxy Acrylate Resins) | | |
|----|---|--------|------------------------------|-----------------------------------|---------|---------|
| | | | ISO | BIS | Novolac | Bromine |
| | | | 301 | 511/512 545/555 | 585 | 570 |
| | A | | | | | |
| 1 | Acetaldehyde | 20 | NR | 40 | 40 | 40 |
| 2 | Acetic Acid | 10 | 80 | 100 | 100 | 100 |
| 3 | Acetic Acid | 15 | 60 | 100 | 100 | 100 |
| 4 | Acetic Acid | 25 | 60 | 100 | 100 | 100 |
| 5 | Acetic Acid | 50 | - | 80 | 80 | 80 |
| 6 | Acetic Acid | 75 | NR | 65 | 65 | 65 |
| 7 | Acetic Acid, Glacial | 100 | NR | NR | 40 | NR |
| 8 | Acetic Anhydride | 100 | NR | NR | 40 | NR |
| 9 | Acetone | 10 | NR | NR | 80 | 80 |
| 10 | Acetone | 100 | NR | NR | NR | NR |
| 11 | Acetonitrile | 20 | - | 40 | 40 | 40 |
| 12 | Acetyl Acetone | 20 | - | 40 | 50 | 40 |
| 13 | Acrolein (Acrylaldehyde) | 20 | - | 40 | 40 | 40 |
| 14 | Acrylamide | 50 | NR | 40 | 40 | 40 |
| 15 | Acrylic Acid | 25 | NR | 40 | 40 | 40 |
| 16 | Acrylic Latex | All | - | 80 | 80 | 80 |
| 17 | Acrylonitrile Latex Dispersion | 2 | NR | 25 | 25 | 25 |
| 18 | Activated Carbon Beds, Water Treatment | | - | 80 | 100 | 80 |
| 19 | Adipic Acid(1.5g solution in water at 25°C, sol in hot water) | 23 | - | 80 | 80 | 80 |
| 20 | ALAMINE amines | | - | 65 | 80 | 65 |
| 21 | Alkyl(C8-10) Dimethyl Amine | 100 | - | 80 | 100 | 80 |
| 22 | Alkyl(C8-10) Chloride | All | - | 80 | 100 | 95 |
| 23 | Alkyl Benzene Sulfonic Acid | 90 | NR | 50 | 50 | 50 |
| 24 | Alkyl Toly Trimethyl Ammonium Chloride | - | - | 40 | 50 | 40 |
| 25 | Allyl Alcohol | 100 | NR | NR | 25 | NR |
| 26 | Allyl Chloride | All | NR | 25 | 25 | 25 |
| 27 | Alpha Methylstyrene | 100 | NR | 25 | 50 | 25 |
| 28 | Alpha Oleum Sulfates | 100 | NR | 50 | 50 | 50 |
| 29 | Alum | Sat'd | 80 | 100 | 120 | 100 |
| 30 | Aluminum Chloride | Sat'd | 80 | 100 | 120 | 100 |
| 31 | Aluminum Chlorohydrate | All | - | 100 | 100 | 100 |
| 32 | Aluminum Chlorohydroxide | 50 | - | 100 | 100 | 100 |
| 33 | Aluminum Fluoride | All | - | 25 | 25 | 25 |
| 34 | Aluminum Hydroxide | 100 | 80 | 80 | 95 | 80 |
| 35 | Aluminum Nitrate | All | 80 | 100 | 100 | 100 |
| 36 | Aluminum Potassium Sulfate | Sat'd | 80 | 100 | 120 | 100 |
| 37 | Aluminum Sulfate | Sat'd | 80 | 100 | 120 | 100 |
| 38 | AMBITROL Ethylene Glycol | All | - | 100 | 100 | 100 |
| 39 | Amine Salts | All | - | 50 | 65 | 50 |
| 40 | Amino Acids | All | - | 40 | 40 | 40 |
| 41 | Ammonia, Liquefied Gas | | NR | NR | NR | NR |
| 42 | Ammonia, dried gas | 100 | 30 | 40 | 40 | 40 |
| 43 | Ammonia, vapor | 40 | NR | 80 | 80 | 80 |
| 44 | Ammonium Acetate | All | NR | 25 | 25 | 25 |
| 45 | Ammonium Bicarbonate | 50 | 50 | 70 | 70 | 70 |
| 46 | Ammonium Bifluoride | 100 | - | 65 | 65 | - |
| 47 | Ammonium Bisulfate | 100 | - | 80 | 80 | 80 |
| 48 | Ammonium Bromate | 43 | - | 70 | 70 | 70 |
| 49 | Ammonium Bromide | 43 | - | 70 | 70 | 70 |
| 50 | Ammonium Carbonate | All | NR | 65 | 65 | 65 |
| 51 | Ammonium Chloride | All | 80 | 100 | 100 | 100 |
| 52 | Ammonium Citrate | All | - | 65 | 65 | 65 |
| 53 | Ammonium Disulfide | 100 | - | 50 | 50 | - |
| 54 | Ammonium Fluoride | All | - | 65 | 65 | 65 |
| 55 | Ammonium Hydroxide | 5 | NR | 80 | 65 | 80 |
| 56 | Ammonium Hydroxide | 10 | NR | 65 | 65 | 65 |
| 57 | Ammonium Hydroxide | 20 | NR | 65 | 40 | 65 |
| 58 | Ammonium Hydroxide | 30 | NR | 40 | 40 | 40 |
| 59 | Ammonium Lauryl Sulfate | 30 | - | 50 | 50 | 50 |
| 60 | Ammonium Ligno Sulfonate | 50 | - | 80 | 80 | 80 |
| 61 | Ammonium Molybdate | All | - | 65 | - | - |

| | | | | | | |
|-----|--|-------|----|-----|-----|-----|
| 62 | Ammonium Nitrate | Sat'd | - | 100 | 65 | 105 |
| 63 | Ammonium Oxalate | All | - | 65 | - | - |
| 64 | Ammonium Pentaborate | 12 | - | 50 | - | - |
| 65 | Ammonium Persulfate | All | NR | 100 | 100 | 80 |
| 66 | Ammonium Phosphate, Dibasic | All | 80 | 100 | 100 | 100 |
| 67 | Ammonium Phosphate, Monobasic | All | 80 | 100 | 100 | 100 |
| 68 | Ammonium Polysulfide | All | - | 50 | 65 | - |
| 69 | Ammonium Sulfate | Sat'd | 80 | 100 | 120 | 105 |
| 70 | Ammonium Sulfide (Bisulfide) | Sat'd | NR | 50 | 50 | NR |
| 71 | Ammonium Sulfite | Sat'd | NR | 65 | 65 | 65 |
| 72 | Ammonium Thiocyanate | 20 | - | 100 | 100 | 100 |
| 73 | Ammonium Thiocyanate | 50 | - | 40 | 40 | 40 |
| 74 | Ammonium Thioglycolate | 7 1/2 | - | 40 | - | - |
| 75 | Ammonium Thiosulfate | All | - | 60 | 60 | 60 |
| 76 | Amyl Acetate | All | NR | NR | 50 | NR |
| 77 | Amyl Alcohol | All | 30 | 50 | 65 | 50 |
| 78 | Amyl Alcohol, Vapor | | - | 50 | 100 | 50 |
| 79 | Amyl Chloride | 100 | 60 | 50 | 50 | 50 |
| 80 | Aniline | 100 | NR | NR | 25 | NR |
| 81 | Aniline Hydrochloride | All | - | 80 | 80 | 80 |
| 82 | Aniline Sulfate | All | NR | 100 | 100 | 100 |
| 83 | Antimony Pentachloride | 100 | 30 | 40 | 40 | 40 |
| 84 | Arsenic Acid | All | - | 80 | 80 | 80 |
| 85 | Arsenious Acid, 190 Be | | - | 80 | 80 | 80 |
| | B | | | | | |
| 86 | Barium Acetate | All | - | 80 | 80 | - |
| 87 | Barium Bromide | All | - | 100 | 100 | 100 |
| 88 | Barium Carbonate | All | 80 | 80 | 80 | 80 |
| 89 | Barium Chloride | All | 80 | 100 | 100 | 100 |
| 90 | Barium Cyanide | All | - | 65 | 65 | 65 |
| 91 | Barium Hydroxide | All | NR | 65 | 65 | 65 |
| 92 | Barium Sulfate | All | 80 | 100 | 120 | 100 |
| 93 | Barium Sulfide | All | - | 90 | 90 | 80 |
| 94 | Benzaldehyde | 100 | - | NR | 20 | NR |
| 95 | Benzene | 100 | NR | NR | 40 | NR |
| 96 | Benzene : Ethyl Benzene | (1:2) | - | NR | 40 | NR |
| 97 | Benzene, Vapor | | - | 25 | 50 | 25 |
| 98 | Benzene Sulfonic Acid | All | - | 65 | 65 | 65 |
| 99 | Benzoic Acid | Sat'd | NR | 100 | 100 | 100 |
| 100 | Benzyl Alcohol | 100 | NR | NR | 40 | NR |
| 101 | Benzyl Chloride | 100 | NR | NR | 25 | NR |
| 102 | Benzyltrimethyl ammonium Chloride | 60 | NR | 40 | 40 | 40 |
| 103 | Boric Acid | All | 80 | 100 | 100 | 100 |
| 104 | Brake Fluid HD 557 | | - | 50 | 50 | 50 |
| 105 | Brine | All | - | 100 | 100 | 100 |
| 106 | Brominated Phosphate Ester | All | - | - | 50 | - |
| 107 | Bromine, Dry Gas | | NR | 40 | 40 | 40 |
| 108 | Bromine, Liquid | 100 | NR | NR | NR | NR |
| 109 | Bromine, Wet Gas | 100 | - | 40 | 40 | 40 |
| 110 | Bunker C Fuel Oil | 100 | - | 100 | 105 | 100 |
| 111 | 2-Butoxyethanol | 100 | - | 40 | 40 | 40 |
| 112 | Butyl Acetate | 100 | NR | NR | 25 | NR |
| 113 | Butyl Acrylate | 100 | - | NR | 25 | NR |
| 114 | Butyl Alcohol | All | NR | 50 | 65 | 50 |
| 115 | Butyl Aldehyde | 100 | NR | NR | 40 | NR |
| 116 | Butyl Benzoate | 70 | NR | - | 40 | NR |
| 117 | Butyl Benzyl Phthalate | 100 | - | 80 | 100 | 80 |
| 118 | Butyl Carbitol diethylene glycol | 100 | NR | 40 | 40 | 40 |
| 119 | Butyl CELLOSOLVE Solvent | 100 | NR | 40 | 40 | 40 |
| 120 | Butyl Hypochlorite | 98 | - | NR | NR | NR |
| 121 | Butyl Stearate (5% in Mineral Spirits) | | - | 40 | - | - |
| 122 | Butylene Glycol | 100 | - | 70 | 80 | 70 |
| 123 | Butylene Oxide | 100 | NR | NR | NR | NR |
| 124 | Butyraldehyde | 100 | - | NR | 40 | NR |
| 125 | Butyric Acid | 25 | - | 100 | 100 | 100 |
| 126 | Butyric Acid | 50 | 80 | 100 | 100 | 100 |
| 127 | Butyric Acid | 100 | NR | 25 | 50 | 50 |

| C | | | | | | |
|-----|--|-----------|----|-----|-----|-----|
| 128 | Cadmium Chloride | All | NR | 100 | 100 | 100 |
| 129 | Calcium Bisulfite | All | - | 100 | 100 | 100 |
| 130 | Calcium Bromide | All | - | 100 | 100 | 100 |
| 131 | Calcium Carbonate | All | 80 | 80 | 80 | 80 |
| 132 | Calcium Chlorate | All | - | 100 | 100 | 100 |
| 133 | Calcium Chloride | All | 80 | 100 | 120 | 105 |
| 134 | Calcium Hydroxide | 100 | - | 100 | 100 | 100 |
| 135 | Calcium Hypochlorite | All | - | 80 | 80 | 80 |
| 136 | Calcium Nitrate | All | 80 | 100 | 100 | 100 |
| 137 | Calcium Sulfate | All | 80 | 100 | 100 | 100 |
| 138 | Calcium Sulfite | All | - | 100 | 100 | 100 |
| 139 | Capric Acid | All | - | 80 | 80 | 80 |
| 140 | Caproic Acid | 100 | - | 25 | 50 | 25 |
| 141 | Caprylic Acid (See Octanoic Acid) | All | - | 80 | 100 | 80 |
| 142 | Caramel | All | - | 50 | - | - |
| 143 | Carbon Dioxide Gas | All | - | 165 | 205 | 165 |
| 144 | Carbon Disulfide | 100 | NR | NR | NR | NR |
| 145 | Carbon Disulfide, Fumes | | - | 40 | 65 | 40 |
| 146 | Carbon Monoxide Gas | | - | 165 | 205 | 165 |
| 147 | Carbon Tetrachloride | 100 | 30 | 65 | 80 | 65 |
| 148 | Carbon Tetrachloride, Vapor | All | - | 80 | 95 | 80 |
| 149 | Carboxyethyl Cellulose | 10 | - | 65 | 65 | 65 |
| 150 | Castor Oil | 100 | - | 70 | 70 | 70 |
| 151 | Chlorinated Pulp | All | - | 80 | 95 | - |
| 152 | Chlorinated Wax (Chlorinated paraffin) | All | - | 80 | 80 | 80 |
| 153 | Chlorination Washer, Hoods & Vent Systems | All | - | 80 | 95 | 80 |
| 154 | Chlorine Dioxide | 15 | - | 100 | 100 | - |
| 155 | Chlorine Dioxide | All | - | 80 | 95 | 90 |
| 156 | Chlorine Dioxide, Wet | Sat'd | - | 80 | 95 | 90 |
| 157 | Chlorine Water (pH < 2.5) | Sat'd | 30 | 80 | 95 | 80 |
| 158 | Chlorine Water (pH > 9.0) | Sat'd | - | 80 | 65 | 80 |
| 159 | Chlorine Water (pH 2.5-9) | Sat'd | - | NR | NR | NR |
| 160 | Chlorine, dry gas | Dry | 80 | 100 | 120 | 105 |
| 161 | Chlorine, wet gas | Wet | 30 | 100 | 120 | 105 |
| 162 | Chloroacetic Acid | 25 | NR | 50 | 50 | 50 |
| 163 | Chloroacetic Acid | 50 | NR | 40 | 40 | 40 |
| 164 | Chloroacetic Acid | 79 | NR | 25 | 30 | 25 |
| 165 | Chlorobenzene | 100 | NR | NR | 40 | NR |
| 166 | Chloroform | 100 | NR | NR | NR | NR |
| 167 | Chloropyridine(tetra) | 100 | NR | 25 | 50 | 25 |
| 168 | Chlorosulfonic Acid | 10 | NR | NR | NR | NR |
| 169 | Chlorotoluene | 100 | NR | 25 | 40 | 25 |
| 170 | Chromic Acid | 5 | 30 | 65 | 65 | 65 |
| 171 | Chromic Acid | 10 | - | 65 | 65 | 65 |
| 172 | Chromic Acid | 20 | - | 50 | 65 | 65 |
| 173 | Chromic Acid | 35 | - | NR | NR | NR |
| 174 | Chromic Acid : Sulfuric Acid , Mixture (Maximum Total Concentration 10%) | 10 | - | 50 | 50 | 50 |
| 175 | Chromium Plate | | - | 55 | 65 | 55 |
| 176 | Chromium Sulfate | All | - | 100 | 100 | 100 |
| 177 | Citric Acid | All | - | 100 | 100 | 100 |
| 178 | Cobalt Chloride | All | NR | 100 | 100 | 100 |
| 179 | Cobalt Citrate | 12 | - | 80 | 80 | - |
| 180 | Cobalt Nitrate | All | - | 100 | 100 | 100 |
| 181 | Coconut Oil | All | - | 80 | 95 | 80 |
| 182 | Cod-liver Oil | 100 | - | 40 | - | - |
| 183 | Copper Chloride | Sat'd | 80 | 100 | 120 | 105 |
| 184 | Copper Cyanide | All | 80 | 100 | 100 | 100 |
| 185 | Copper Cyanide, Potassium Cyanide, Potassium Hydroxide | (7/2.5/2) | - | 65 | 25 | 65 |
| 186 | Copper Nitrate | All | 80 | 100 | 100 | 100 |
| 187 | Copper Sulfate | All | 80 | 100 | 120 | 120 |
| 188 | Corn Oil | 100 | - | 80 | 100 | 80 |
| 189 | Corn Starch, Slurry | Slurry | - | 100 | - | - |
| 190 | Corn Sugar | All | - | 100 | - | - |
| 191 | Cottonseed Oil | 100 | - | 100 | 100 | 100 |

| | | | | | | |
|-----|---|-----|----|-----|-----|-----|
| 192 | Cresol | 100 | NR | - | - | - |
| 193 | Crude Oil | 100 | - | 100 | 120 | 100 |
| 194 | Cumene | 100 | - | 25 | 50 | 25 |
| 195 | Cyclohexane | 100 | 30 | 50 | 65 | 50 |
| | D | | | | | |
| 196 | Decanoic Acid | All | - | 80 | 80 | 80 |
| 197 | Decanol | 100 | - | 50 | 80 | 50 |
| 198 | Deionized Water | 100 | - | 80 | 80 | 80 |
| 199 | Deminerlized Water | 100 | - | 80 | 80 | 80 |
| 200 | Diallyphthalate | All | - | 80 | 100 | 100 |
| 201 | Diammonium Phosphate | All | - | 100 | 100 | 100 |
| 202 | Dibromo Propane | 100 | - | NR | 40 | NR |
| 203 | Dibromophenol | | NR | NR | 25 | NR |
| 204 | Dibromopropanol | 100 | - | - | 40 | - |
| 205 | Dibutyl Carbitol | 100 | - | 25 | 40 | 25 |
| 206 | Dibutyl Ether | 100 | NR | 25 | 80 | - |
| 207 | Dibutyl Sebacate | All | - | 50 | 65 | - |
| 208 | Dibutyl phthalate | All | - | 80 | 100 | - |
| 209 | Dichlorobenzene | 100 | NR | NR | 50 | NR |
| 210 | Dichloroethane | 100 | NR | NR | 25 | NR |
| 211 | Dichloroethylene | 100 | NR | NR | NR | NR |
| 212 | Dichloromethane (Methylene Chloride) | 100 | NR | NR | NR | NR |
| 213 | Dichloropropane | 100 | NR | NR | 25 | NR |
| 214 | Dichloropropene | 100 | - | NR | 25 | NR |
| 215 | Dichloropropionic Acid | 100 | - | NR | 25 | NR |
| 216 | Dichlorotoluene | 100 | NR | 25 | 50 | 25 |
| 217 | Diesel Fuel | 100 | - | 90 | 100 | 80 |
| 218 | Diethanolamine | 100 | NR | 50 | 65 | 50 |
| 219 | Diethylbenzene | 100 | NR | 40 | 65 | 40 |
| 220 | Diethyl Carbonate | 100 | NR | NR | 40 | NR |
| 221 | Diethyl Ether | 100 | NR | NR | NR | NR |
| 222 | Diethyl Formamide | 100 | - | NR | 40 | NR |
| 223 | Diethyl Ketone | 100 | NR | NR | 25 | NR |
| 224 | Diethyl Sulfate | 100 | NR | 40 | 50 | 40 |
| 225 | Diethylene Glycol | 100 | - | 80 | 100 | 80 |
| 226 | Diethylhexyl Phosphoric Acid(in kerosene) | 20 | - | 80 | 80 | 80 |
| 227 | Diisobutyl Ketone | | NR | NR | 50 | NR |
| 228 | Diisobutyl Phthalate | 100 | NR | 65 | 65 | 65 |
| 229 | Diisobutylene | 100 | NR | 40 | 40 | 40 |
| 230 | Diisopropanolamine | 100 | NR | 50 | 65 | 50 |
| 231 | Dimethyl Formamide | 100 | NR | NR | NR | NR |
| 232 | Dimethyl Morpholine | 100 | NR | NR | 50 | NR |
| 233 | Dimethyl Phthalate | 100 | NR | 65 | 85 | 65 |
| 234 | Dimethyl Sulfide | 100 | NR | NR | 25 | NR |
| 235 | Dimethyl Sulfoxide | 100 | NR | NR | NR | NR |
| 236 | Diocetyl Phthalate | 100 | 65 | 65 | 100 | 65 |
| 237 | Dipheyl Oxide | 100 | NR | 25 | 50 | 25 |
| 238 | Dipotassium Phosphate | 50 | - | 40 | 40 | 40 |
| 239 | Dipropylene Glycol | 100 | - | 80 | 100 | 80 |
| 240 | Distilled Water | 100 | - | 100 | 100 | 80 |
| 241 | Divinylbenzene | 100 | - | 40 | 50 | 40 |
| 242 | Dodecanol (Lauryl Alcohol) | 100 | - | 65 | 80 | 65 |
| 243 | Dodecene | 100 | - | 65 | 80 | 65 |
| 244 | Dodecyl Benzene Sulfonic Acid | 100 | - | 80 | 95 | 95 |
| | E | | | | | |
| 245 | Epichlorohydrin | 100 | NR | NR | 25 | NR |
| 246 | Epoxidized Castor Oil | 100 | - | 40 | - | - |
| 247 | Epoxidized Soybean Oil | 100 | - | 65 | 65 | 65 |
| 248 | Esters, Fatty Acid | 100 | - | 80 | 80 | 80 |
| 249 | Ethanol (Ethyl Alcohol) | 10 | NR | 50 | 65 | 50 |
| 250 | Ethanol (Ethyl Alcohol) | 50 | NR | 40 | 65 | 40 |
| 251 | Ethanol (Ethyl Alcohol) | 95 | NR | 25 | 40 | 25 |
| 252 | Ethanol (Ethyl Alcohol) | 100 | NR | NR | 40 | NR |
| 253 | Ethanolamine | 100 | NR | 25 | 45 | 25 |
| 254 | Ethyl Acetate | 100 | NR | NR | 25 | NR |
| 255 | Ethyl Acrylate | 100 | - | NR | 25 | NR |
| 256 | Ethylbenzene | 100 | NR | 25 | 50 | 25 |

| | | | | | | |
|-----|--------------------------------|-----------|----|-----|-----|-----|
| 257 | Ethylbenzene : Benzene | 2/3 : 1/3 | - | NR | 40 | NR |
| 258 | Ethyl Bromide | 100 | - | NR | NR | NR |
| 259 | Ethyl Chloride | 100 | - | NR | 25 | NR |
| 260 | Ethylene Chloride | 100 | NR | NR | 25 | NR |
| 261 | Ethylene Chlorohydrine | 100 | NR | 40 | 40 | 40 |
| 262 | Ethylene Dibromide | 100 | - | NR | NR | NR |
| 263 | Ethylene Dichloride | 100 | - | NR | 25 | NR |
| 264 | Ethyl Ether | 100 | NR | NR | NR | NR |
| 265 | Ethylene Oxide | 100 | - | NR | NR | NR |
| 266 | Ethyl Sulfate | 100 | NR | 40 | 40 | 40 |
| 267 | Ethylene Glycol | All | 80 | 100 | 100 | 100 |
| 268 | Ethylene glycol Monobutyl | 100 | NR | 40 | 40 | 40 |
| 269 | Ethylenediamine tetraacetic | All | - | 80 | 80 | 80 |
| 270 | Eucalyptus Oil | 100 | - | 60 | 60 | 60 |
| | F | | | | | |
| 271 | Fatty Acids | All | 80 | 100 | 120 | 100 |
| 272 | Ferric Acetate | All | - | 80 | 80 | 80 |
| 273 | Ferric Chloride | All | 80 | 100 | 100 | 100 |
| 274 | Ferric Chloride : Ferrous | (5 : 20) | - | 100 | 100 | 100 |
| 275 | Ferric Nitrate | All | 80 | 100 | 100 | - |
| 276 | Ferric Sulfate | All | 80 | 100 | 100 | 100 |
| 277 | Ferrous Chloride | All | 80 | 100 | 100 | 100 |
| 278 | Ferrous Nitrate | All | - | 100 | 100 | 100 |
| 279 | Ferrous Sulfate | All | 80 | 100 | 100 | 100 |
| 280 | Flufryl Alcohol | 20 | - | 40 | 65 | 40 |
| 281 | Fluoboric Acid | All | - | 100 | 100 | 100 |
| 282 | Fluorine Gas | | - | 30 | 30 | 30 |
| 283 | Fluosilicic Acid | 10 | - | 80 | 80 | 80 |
| 284 | Fluosilicic Acid | 25 | - | 45 | 45 | 40 |
| 285 | Fluosilicic Acid | 35 | - | 40 | 40 | 40 |
| 286 | Fluosilicic Acid, Fumes | | - | 80 | 80 | 80 |
| 287 | Fly Ash Slurry | | - | 80 | 80 | 80 |
| 288 | Formaldehyde | 37 | NR | 50 | 65 | 50 |
| 289 | Formaldehyde | All | - | 50 | 65 | 50 |
| 290 | Formic Acid | 10 | 40 | 80 | 80 | 80 |
| 291 | Formamide | 20 | - | 40 | 65 | 50 |
| 292 | Formic Acid | 25 | NR | 50 | 65 | 50 |
| 293 | Formic Acid | 50 | NR | 50 | 50 | 50 |
| 294 | Formic Acid | 98 | NR | NR | 40 | NR |
| 295 | Formic Acid | 100 | NR | NR | NR | NR |
| 296 | FREON 11 | 100 | - | 25 | 40 | 25 |
| 297 | FREON 12 | | - | 25 | 40 | 25 |
| 298 | FREON 113 Solvent | | - | 40 | 40 | 40 |
| 299 | Fuel Oil | 100 | 80 | 80 | 100 | 100 |
| 300 | Furfural | 10 | NR | 40 | 50 | 40 |
| 301 | Furfuryl Alcohol | 20 | - | 40 | 65 | 40 |
| 302 | Furfuryl Alcohol | 100 | NR | NR | 25 | - |
| | G | | | | | |
| 303 | Gallic Acid | Sat'd | NR | 80 | 80 | 80 |
| 304 | Gasohol(5% MeOH) | 100 | - | 50 | 50 | 50 |
| 305 | Gasohol (Up to 10 % Alcohol) | | - | 40 | 50 | NR |
| 306 | Gasohol (10-100% Alcohol) | | - | NR | 40 | NR |
| 307 | Gasoline, Leaded | 100 | - | 80 | 80 | 80 |
| 308 | Gasoline, Aviation | 100 | 80 | 80 | 80 | 80 |
| 309 | Gasoline, No Lead, No Methanol | 100 | - | 50 | 65 | 50 |
| 310 | Glucose | 100 | 80 | 100 | 120 | 100 |
| 311 | Glutamic Acid | 50 | - | 50 | 50 | 50 |
| 312 | Glutaraldehyde | 50 | NR | 50 | 50 | 50 |
| 313 | Glutaric Acid | 50 | NR | 50 | 50 | 50 |
| 314 | Glycerine | 100 | 80 | 100 | 100 | 100 |
| 315 | Glycol | All | - | 100 | 100 | 100 |
| 316 | Glycolic Acid (Hydroxyacetic) | 70 | NR | 40 | 40 | 40 |
| 317 | Glyconic Acid | 50 | - | 80 | 80 | 80 |
| 318 | Glyoxal | 40 | NR | 40 | 40 | 40 |
| | H | | | | | |
| 319 | Hard Chrome Plating Baths | | - | 60 | - | - |
| 320 | Heptane | 100 | - | 100 | 100 | 100 |
| 321 | n-Heptane, Fume | 100 | - | 80 | 80 | 80 |

| | | | | | | |
|-----|--|-----|-----|-----|-----|-----|
| 322 | Herbicides | | - | 50 | 50 | 50 |
| 323 | Hexachloroethane | 100 | - | NR | 40 | NR |
| 324 | Hexamethylene tetramine | 40 | NR | 40 | 50 | 40 |
| 325 | Hexane | 100 | 60 | 70 | 70 | 70 |
| 326 | Hydraulic Fluid | 100 | - | 80 | 80 | 80 |
| 327 | Hydrazine | 100 | - | NR | NR | NR |
| 328 | Hydriodic Acid | 40 | - | 65 | 65 | 65 |
| 329 | Hydrobromic Acid | 25 | - | 80 | 80 | 80 |
| 330 | Hydrobromic Acid | 48 | - | 65 | 65 | 65 |
| 331 | Hydrobromic Acid | 62 | - | 40 | 40 | 40 |
| 332 | Hydrochloric Acid | 15 | 80 | 80 | 110 | 100 |
| 333 | Hydrochloric Acid | 20 | NR | 80 | 110 | 100 |
| 334 | Hydrochloric Acid | 30 | - | 65 | 95 | 80 |
| 335 | Hydrochloric Acid | 37 | - | 40 | 50 | 40 |
| 336 | Hydrochloric Acid Gas | Dry | 100 | 100 | 100 | 100 |
| 337 | Hydrochloric Acid Gas | Wet | 60 | - | - | 100 |
| 338 | Hydrocyanic Acid | 100 | 30 | 100 | 100 | 100 |
| 339 | Hydrofluoric Acid | 10 | - | 65 | 65 | 65 |
| 340 | Hydrofluoric Acid | 20 | - | 40 | 40 | 40 |
| 341 | Hydrofluosilic Acid | 10 | - | 80 | 80 | 80 |
| 342 | Hydrofluosilic Acid | 25 | - | 40 | 40 | 40 |
| 343 | Hydrofluosilic Acid | 35 | - | 40 | 40 | 40 |
| 344 | Hydrogen Bromide, Wet gas | 100 | 60 | 80 | 80 | 80 |
| 345 | Hydrogen Chloride, Dry | | - | 100 | 175 | 100 |
| 346 | Hydrogen Chloride, Wet Gas | 100 | - | 100 | 110 | 100 |
| 347 | Hydrogen Fluoride, Vapor | | NR | 80 | 80 | 80 |
| 348 | Hydrogen Fluoride | 10 | NR | 65 | 65 | 65 |
| 349 | Hydrogen Fluoride | 20 | NR | 40 | 40 | 40 |
| 350 | Hydrogen Peroxide | 30 | NR | 65 | 65 | 65 |
| 351 | Hydrogen Peroxide | 50 | NR | NR | NR | NR |
| 352 | Hydrogen Sulfide | 5 | - | 80 | 175 | 100 |
| 353 | Hydrogen Sulfide | 100 | - | 80 | 100 | 100 |
| 354 | Hydrogen Sulfide, Dry Gas | Dry | 80 | 110 | 125 | 100 |
| 355 | Hydrogen Sulfide, Wet Gas | Wet | 80 | 110 | 125 | 100 |
| 356 | Hydroxyacetic Acid (Glycolic Acid) | 70 | - | 40 | 40 | 40 |
| 357 | Hypochlorous Acid | 10 | - | 40 | 40 | 40 |
| 358 | Hypophosphorous Acid | 50 | - | 50 | 50 | 50 |
| | I | | | | | |
| 359 | Imidazoline Acetate /Solvent | 20 | - | 40 | 50 | 40 |
| 360 | Incinerator Gas, Dry (Flue gas) | Dry | - | 165 | 205 | 165 |
| 361 | Incinerator Gas, Wet (Flue gas) | Wet | - | 80 | 100 | 80 |
| 362 | Insecticides | | - | 50 | 50 | 50 |
| 363 | Iodine, Crystals | 100 | - | 65 | 65 | 65 |
| 364 | Iodine, Vapor | 100 | - | 65 | 80 | 65 |
| 365 | Iron and Steel Cleaning Bath, 9% Hydrochloric ; 23% Sulfuric | | - | 80 | 100 | 80 |
| 366 | Isoamyl Alcohol | 100 | NR | 50 | 65 | 50 |
| 367 | Isobutyl Alcohol | 100 | NR | 50 | 65 | 50 |
| 368 | Isodecanol | | NR | 50 | 80 | 50 |
| 369 | Isononyl Alcohol | 100 | NR | 65 | 65 | 65 |
| 370 | Isooctyl Adipate | 100 | - | 50 | 65 | 50 |
| 371 | Isooctyl Alcohol | 100 | NR | 65 | 65 | 65 |
| 372 | Isopropanol Amine | 100 | - | 50 | 50 | 50 |
| 373 | Isopropyl Alcohol | 100 | 30 | 50 | 50 | 50 |
| 374 | Isopropyl Amine | 50 | NR | 40 | 40 | 40 |
| 375 | Isopropyl Myristate | 100 | - | 100 | 110 | 110 |
| 376 | Isopropyl Palmitate | 100 | 80 | 100 | 110 | 100 |
| 377 | Itaconic Acid | 40 | NR | 60 | 60 | 60 |
| | J | | | | | |
| 378 | Jet Fuel | 100 | - | 60 | 60 | 60 |
| 379 | JIS No 2 Insulating Oil | 100 | - | 100 | 100 | - |
| | K | | | | | |
| 380 | Kerocene | 100 | 80 | 80 | 80 | 80 |
| | L | | | | | |
| 381 | Lactic Acid | All | 80 | 100 | 100 | 100 |
| 382 | Latex | All | - | 50 | 50 | 50 |
| 383 | Lauroyl Chloride | 100 | NR | 40 | 50 | 50 |

| | | | | | | |
|-----|--|-------|----|-----|-----|-----|
| 384 | Lauryl Alcohol | 100 | - | 65 | 80 | 65 |
| 385 | Lauryl Chloride | 100 | NR | 100 | 100 | 100 |
| 386 | Lauryl Mercaptan | 100 | - | 80 | 100 | 80 |
| 387 | Lead Acetate | Sat'd | 80 | 100 | 110 | 100 |
| 388 | Limestone slurry | All | - | 80 | 80 | 80 |
| 389 | Linseed Oil | 100 | 80 | 100 | 110 | 100 |
| 390 | Liquid Petroleum Gas (LPG) | 100 | - | 60 | 60 | 60 |
| 391 | Lithium Bromide | Sat'd | - | 100 | 120 | 100 |
| 392 | Lithium Carbonate | All | - | 80 | 80 | 80 |
| 393 | Lithium Chloride | Sat'd | 80 | 100 | 120 | 100 |
| 394 | Lithium Hydroxide | All | - | 80 | 40 | 80 |
| 395 | Lithium Hypochloride | All | - | 80 | 40 | 80 |
| | M | | | | | |
| 396 | Magnesium Bisulfite | All | - | 100 | 100 | 100 |
| 397 | Magnesium Bicarbonate | | 80 | - | - | NR |
| 398 | Magnesium Carbonate | All | 80 | 80 | 80 | 80 |
| 399 | Magnesium Chloride | Sat'd | 80 | 100 | 120 | 100 |
| 400 | Magnesium Fluosilicate | All | - | 80 | 80 | - |
| 401 | Magnesium Hydroxide | All | 80 | 100 | 100 | 100 |
| 402 | Magnesium Nitrate | All | 80 | 100 | 100 | 100 |
| 403 | Magnesium Phosphate | All | - | 100 | 100 | 100 |
| 404 | Magnesium Sulfate | All | 80 | 110 | 120 | 120 |
| 405 | Maleic Acid | All | - | 80 | 100 | 80 |
| 406 | Maleic Anhydride | 100 | 60 | 100 | 100 | - |
| 407 | Manganese Chloride | All | NR | 100 | 100 | 100 |
| 408 | Manganese Nitrate | All | - | 100 | 100 | 100 |
| 409 | Manganese Sulfate | All | - | 100 | 100 | 100 |
| 410 | Melamine Formaldehyde Resin | 100 | - | NR | 40 | NR |
| 411 | Mercaptoacetic Acid | All | - | NR | 40 | NR |
| 412 | Mercaptoethanol | 10 | - | - | 80 | - |
| 413 | Mercuric Chloride | All | 80 | 100 | 100 | 100 |
| 414 | Mercurous Chloride | All | 80 | 100 | 100 | 100 |
| 415 | Mercury | 100 | 80 | 100 | 120 | 100 |
| 416 | Mercury Monochloride | Sat'd | - | 100 | 100 | - |
| 417 | Methacrylic Acid | 25 | NR | 40 | 50 | 40 |
| 418 | Methacrylic Acid | 100 | NR | NR | 40 | NR |
| 419 | Methane/Nitrogen | 70/30 | - | 60 | 95 | 80 |
| 420 | Methane Sulfonic Acid | 100 | - | NR | 40 | Nr |
| 421 | Methanol | 5 | NR | 50 | 50 | 50 |
| 422 | Methanol | 100 | - | NR | 40 | NR |
| 423 | Methanol, Fume Gas | Fume | - | - | 80 | 80 |
| 424 | 1-Methyl-2-Propanol | 100 | - | NR | 20 | NR |
| 425 | Methyl Acetate | 20 | - | 40 | 40 | 40 |
| 426 | Methyl Acetate | 100 | - | NR | NR | NR |
| 427 | Methyl Amine Hydrochloride | 100 | 80 | - | - | - |
| 428 | Methyl Bromide, Gas | 10 | - | 25 | 25 | 25 |
| 429 | Methyl Butyl Ketone | 100 | NR | 25 | 50 | 25 |
| 430 | Methyl Chloride, Gas | All | - | 40 | 65 | 40 |
| 431 | Methyl Chloride, Fume | All | - | - | 80 | - |
| 432 | Methyl Ethyl Ketone | 20 | - | 40 | 40 | 40 |
| 433 | Methyl Formate | 5 | - | 40 | 50 | 45 |
| 434 | Methyl Isobutyl Ketone | 100 | - | 25 | 50 | 25 |
| 435 | Methyl Mercaptan (Gas) | All | - | 40 | 65 | 40 |
| 436 | Methyl Methacrylate | All | - | NR | 25 | NR |
| 437 | N-methyl-2-pyrrolidone | 10 | - | - | NR | - |
| 438 | Methylamine | 20 | - | 40 | 40 | 40 |
| 439 | α-Methylstyrene | 100 | - | 25 | 50 | 25 |
| 440 | Methylene Chloride | 100 | NR | NR | NR | NR |
| 441 | Methylene Chloride : Methanol : Water = 1:4:95 | | - | 40 | 50 | 40 |
| 442 | Mineral Oils | 100 | - | 100 | 120 | 120 |
| 443 | Molasses | 100 | - | 80 | - | - |
| 444 | Molybdenum Disulfide (Manufacturing) | | - | 100 | - | - |
| 445 | Monomethylhydrazine | 100 | - | NR | NR | NR |
| 446 | Morpholine | 20 | NR | 40 | 50 | 45 |
| 447 | Motor Oil | | - | 100 | 120 | 100 |
| 448 | Mtristic Acid | 100 | - | 100 | 120 | 100 |
| | N | | | | | |

| | | | | | | |
|-----|--|-------|----|-----|-----|-----|
| 449 | Naptha | 100 | 65 | 80 | 100 | 80 |
| 450 | Napthalene | 100 | NR | 100 | 100 | 100 |
| 451 | Nickel Chloride | All | 80 | 100 | 100 | 100 |
| 452 | Nickel Nitrate | All | 80 | 100 | 100 | 100 |
| 453 | Nickel Sulfamate | All | - | 80 | 80 | 80 |
| 454 | Nickel Sulfate | All | 80 | 100 | 100 | 100 |
| 455 | Nitric Acid | 5 | 60 | 65 | 80 | 65 |
| 456 | Nitric Acid | 20 | NR | 50 | 65 | 50 |
| 457 | Nitric Acid | 40 | NR | NR | 40 | NR |
| 458 | Nitric Acid , Fumes | Fume | - | 80 | 80 | 80 |
| 459 | Nitric/Hydrofluoric Acid | 25/3 | - | 40 | 50 | 40 |
| 460 | Nitrobenzene | 100 | NR | NR | 40 | NR |
| 461 | Nitro oxide Gas | | - | 85 | 85 | - |
| 462 | Nitrophenol | | - | NR | 40 | NR |
| | O | | | | | |
| 463 | Octanoic Acid (Caprylic Acid) | 100 | - | 80 | 100 | 80 |
| 464 | Oil, Sour Crude | 100 | - | 100 | 120 | 100 |
| 465 | Oil, Sweet Crude | 100 | - | 100 | 120 | 100 |
| 466 | Oleic Acid | All | 80 | 100 | - | - |
| 467 | Oleum(Fuming Sulfuric) | | - | NR | NR | NR |
| 468 | Olive Oils | 100 | 80 | 100 | 120 | - |
| 469 | Oxalic Acid | Sat'd | - | 50 | 50 | 50 |
| 470 | Ozone | 2mg/L | - | 40 | 40 | 40 |
| | P | | | | | |
| 471 | Palmitic Acid | 100 | 80 | 100 | - | - |
| 472 | Peanut Oil | 100 | - | 80 | - | - |
| 473 | Pentabromo Diphenyl Oxide(PBDPO) | 100 | - | 25 | 50 | 25 |
| 474 | Pentachloro Phenol | All | - | 50 | 50 | 50 |
| 475 | Pentanedioic Acid (Glutaric) | 50 | - | 50 | 50 | 50 |
| 476 | Peracetic Acid | 20 | - | 40 | 40 | 40 |
| 477 | Perchloric Acid | 10 | - | 65 | 65 | 65 |
| 478 | Perchloric Acid | 30 | - | 40 | 40 | 40 |
| 479 | Perchloroethylene | 100 | - | 25 | 50 | 25 |
| 480 | Phenol(Carboic Acid) | 5 | NR | NR | 50 | NR |
| 481 | Phenol(Carboic Acid) | 88 | NR | NR | 20 | NR |
| 482 | Phenol Formaldehyde Resin | All | - | 40 | 50 | 40 |
| 483 | Phenol Sulfonic Acid | All | NR | 25 | 25 | 25 |
| 484 | Phosphoric Acid | 85 | - | 100 | 100 | 100 |
| 485 | Phosphoric Acid | 100 | 60 | 100 | 105 | 100 |
| 486 | Phosphoric Acid (Polyphosphoric Acid) | 115 | - | 100 | 105 | 100 |
| 487 | Phosphorus Acid | 70 | NR | 80 | 80 | 80 |
| 488 | Phosphorus Trichloride | | NR | NR | NR | NR |
| 489 | Phthalic Acid | All | - | 100 | 100 | 100 |
| 490 | Phthalic Anhydride | 100 | 80 | 100 | 100 | - |
| 491 | Picric Acid (Alcoholic) | 10 | 30 | NR | 40 | NR |
| 492 | Pine Oil | 100 | - | 90 | 90 | 90 |
| 493 | Polyacrylamide | All | - | 80 | 80 | 80 |
| 494 | Polyacrylic Acid | All | - | 80 | 80 | 80 |
| 495 | Polyethyleneglyco methyl ether | 100 | - | 65 | 90 | 80 |
| 496 | Polyethyleneimine | All | - | 80 | 80 | 80 |
| 497 | Polyphosphoric Acid | 100 | 30 | 100 | 105 | 100 |
| 498 | Polyvinyl Acetate Adhesives | All | - | 50 | 50 | 50 |
| 499 | Polyvinyl Alcohol | 100 | NR | 80 | 80 | 80 |
| 500 | Polyvinyl Chloride Latex with 35 parts DOP | All | - | 50 | 50 | 50 |
| 501 | Potassium Aluminum Sulfate(Potassium Alum) | All | - | 100 | 120 | 100 |
| 502 | Potassium Bicarbonate | All | - | 80 | 80 | 80 |
| 503 | Potassium Bichromate | Sat'd | - | 100 | 100 | 100 |
| 504 | Potassium Bromide | All | - | 100 | 100 | 100 |
| 505 | Potassium Carbonate | 50 | NR | 80 | 65 | 80 |
| 506 | Potassium Chloride | All | 80 | 100 | 100 | 100 |
| 507 | Potassium Dichromate | All | 80 | 100 | 100 | 100 |
| 508 | Potassium Ferricyanide | All | - | 100 | 100 | 100 |
| 509 | Potassium Ferrocyanide | All | - | 100 | 100 | 100 |
| 510 | Potassium Gold Cyanide | 12 | - | 100 | 100 | 100 |
| 511 | Potassium Hydroxide | 45 | NR | 65 | 25 | 65 |

| | | | | | | |
|-----|--|------------|----|-----|-----|-----|
| 512 | Potassium Hydroxide : Potassium Cyanide : Copper Cyanide, oz/gal | (2:2.5 :7) | - | 65 | 25 | 65 |
| 513 | Potassium Iodide | All | - | 65 | 65 | 65 |
| 514 | Potassium Nitrate | All | 80 | 100 | 100 | 100 |
| 515 | Potassium Oxalate | All | - | 65 | 65 | 65 |
| 516 | Potassium Permanganate | All | 30 | 100 | 100 | 100 |
| 517 | Potassium Persulfate | All | 30 | 100 | 100 | 100 |
| 518 | Potassium Pyrophosphate | 60 | - | 55 | 65 | 55 |
| 519 | Potassium Silicofluoride | All | - | 40 | 40 | 40 |
| 520 | Potassium Sulfate | All | 65 | 100 | 100 | 100 |
| 521 | Potassium Sulfide | 100 | 65 | 100 | 100 | 100 |
| 522 | Propane | 100 | - | 60 | 60 | 60 |
| 523 | Propanol | 100 | - | 50 | 50 | 50 |
| 524 | Propanol, Fume | Fume | - | 80 | 80 | 80 |
| 525 | Propionic Acid | 50 | - | 80 | 80 | 80 |
| 526 | Propionic Acid | 100 | NR | NR | 40 | NR |
| 527 | Propylene Glycol | 100 | 80 | 100 | 100 | 100 |
| 528 | Propylene Oxide | 100 | - | NR | NR | NR |
| 529 | Propylene Oxide, Fume | fume | - | - | 80 | 80 |
| 530 | Pyridine | 20 | NR | 40 | 40 | 40 |
| | Q | | | | | |
| 531 | Quaternary Amine Salts | All | - | 80 | 80 | 80 |
| 532 | Quinoline | 20 | - | 40 | 40 | 40 |
| | S | | | | | |
| 533 | Salicylic Acid | All | - | 70 | - | - |
| 534 | Salt Brine | Sat'd | - | 100 | 120 | 100 |
| 535 | Sea Water | | 80 | 100 | 100 | 100 |
| 536 | Selenious Acid | All | - | 100 | 100 | 100 |
| 537 | Silver Nitrate | All | 80 | 100 | 100 | 100 |
| 538 | Sodium Acetate | All | 80 | 100 | 100 | 100 |
| 539 | Sodium Alkyl Aryl Sulfonates | All | - | 80 | 80 | 80 |
| 540 | Sodium Aluminate | All | - | 70 | 50 | 70 |
| 541 | Sodium Benzoate | 100 | NR | 80 | 80 | 80 |
| 542 | Sodium Bicarbonate | All | - | 80 | 80 | 80 |
| 543 | Sodium Bicarbonate : Sodium Carbonate | (15 : 20) | - | 80 | 65 | 80 |
| 544 | Sodium Bifluoride | All | - | 50 | 50 | 50 |
| 545 | Sodium Bisulfate | All | - | 100 | 100 | 100 |
| 546 | Sodium Bisulfite | All | 30 | 100 | 100 | 100 |
| 547 | Sodium Borate | All | 80 | 100 | 100 | 100 |
| 548 | Sodium Borohydride SWS(Stabilized Water Solution) | All | - | 40 | - | - |
| 549 | Sodium Bromate | All | - | 100 | 100 | 100 |
| 550 | Sodium Bromide | All | 80 | 100 | 100 | 100 |
| 551 | Sodium Carbonate | 10 | - | 90 | 90 | 80 |
| 552 | Sodium Carbonate | 20 | - | 90 | 90 | 80 |
| 553 | Sodium Carbonate | 25 | - | 90 | 90 | 80 |
| 554 | Sodium Carbonate | 32 | - | 90 | 90 | 80 |
| 555 | Sodium Carbonate | 35 | - | 80 | 80 | 80 |
| 556 | Sodium Carbonate | Sat'd | - | 80 | 65 | 80 |
| 557 | Sodium Carbonate : Sodium Bicarbonate | (20 :15) | - | 80 | 65 | 80 |
| 558 | Sodium Chlorate | All | NR | 100 | 100 | 100 |
| 559 | Sodium Chloride | All | - | 100 | 100 | 100 |
| 560 | Sodium Chlorite | All | - | 80 | 80 | 80 |
| 561 | Sodium Chromate | 50 | - | 100 | 100 | 100 |
| 562 | Sodium Cyanide | All | 80 | 100 | 100 | 100 |
| 563 | Sodium Dichromate | 100 | 80 | 100 | 100 | 100 |
| 564 | Sodium Diphosphate | 100 | - | 100 | 100 | 100 |
| 565 | Sodium Dodecylbenzene sulfonate | All | - | 70 | 70 | 70 |
| 566 | Sodium Ferricyanide | All | - | 100 | 100 | 100 |
| 567 | Sodium Ferrocyanide | All | 80 | 100 | 100 | 100 |
| 568 | Sodium Fluoride | All | 30 | 80 | 80 | 90 |
| 569 | Sodium Fluoroborate | All | - | 95 | 95 | - |
| 570 | Sodium Fluorosilicate | All | - | 50 | 50 | 50 |
| 571 | Sodium Hexametaphosphate | All | - | 80 | 80 | 80 |
| 572 | Sodium Hydrogen Sulfate | 100 | 80 | - | - | - |
| 573 | Sodium Hydrosulfide | All | - | 80 | 80 | 80 |
| 574 | Sodium Hydroxide | 5 | - | 90 | 80 | 80 |

| | | | | | | |
|-----|--|---------------|----|-----|-----|-----|
| 575 | Sodium Hydroxide | 10 | NR | 90 | 80 | 80 |
| 576 | Sodium Hydroxide | 25 | NR | 100 | 90 | - |
| 577 | Sodium Hydroxide | 50 | NR | 100 | 100 | 80 |
| 578 | Sodium Hydroxide | Sat'd | NR | 80 | 40 | 80 |
| 579 | Sodium Hypochlorite | 5 1/4 | NR | 80 | 80 | 80 |
| 580 | Sodium Hypochlorite | 10 | NR | 80 | 80 | 80 |
| 581 | Sodium Hypochlorite | 15 | NR | 80 | 80 | 80 |
| 582 | Sodium Hypochlorite | 18 | NR | 80 | 50 | 80 |
| 583 | Sodium Lauryl Sulfate | All | - | 70 | 70 | 70 |
| 584 | Sodium Monophosphate | All | - | 100 | 100 | 100 |
| 585 | Sodium Nitrate | All | 80 | 100 | 100 | 100 |
| 586 | Sodium Nitrite | All | - | 100 | 100 | 100 |
| 587 | Sodium Oxalate | All | - | 100 | 100 | 100 |
| 588 | Sodium Perchlorate | 60 | - | 40 | 40 | 40 |
| 589 | Sodium Persulfate | All | - | 100 | 100 | 100 |
| 590 | Sodium Phosphate | All | - | 100 | 100 | 100 |
| 591 | Sodium Silicate | All | NR | 100 | 100 | - |
| 592 | Sodium Silicofluoric Acid | 100 | - | 50 | 50 | 50 |
| 593 | Sodium Sulfate | All | - | 100 | 100 | 100 |
| 594 | Sodium Sulfide | All | 30 | 100 | 100 | 100 |
| 595 | Sodium Sulfite | All | 30 | 100 | 100 | 100 |
| 596 | Sodium Tartrate | All | - | 100 | 100 | 100 |
| 597 | Sodium Tetraborate | All | - | 80 | 80 | 80 |
| 598 | Sodium Thiocyanate | All | - | 80 | 80 | 80 |
| 599 | Sodium Thiosulfate | All | 80 | 80 | 80 | 80 |
| 600 | Sodium Tripolyphosphate | All | 80 | 100 | 100 | 100 |
| 601 | Sodium Xylene Sulfonate | All | 30 | 70 | 70 | 70 |
| 602 | Sorbitol Solution | All | 80 | 70 | 80 | 70 |
| 603 | Sour Crude Oil | 100 | - | 100 | 120 | 100 |
| 604 | Soy Sauce | | - | 70 | - | - |
| 605 | Soya Oil | 100 | 80 | 100 | 100 | 100 |
| 606 | Stannic Chloride | All | - | 100 | 100 | 100 |
| 607 | Stannous Chloride | All | - | 100 | 100 | 100 |
| 608 | Steam Dry | Dry | - | 100 | 105 | 100 |
| 609 | Steam,Wet | Wet | - | 80 | 80 | 80 |
| 610 | Stearic Acid | All | 80 | 100 | 100 | 100 |
| 611 | Styrene monomer | 100 | NR | NR | 50 | NR |
| 612 | Styrene Acrylic Emulsion | All | - | 50 | 50 | 50 |
| 613 | Styrene-Butadiene Latex | All | - | 60 | 60 | 60 |
| 614 | Sugar Beet, Liquor | All | - | 80 | - | - |
| 615 | Sugar / Sucrose | All | - | 100 | - | - |
| 616 | Sulfamic Acid | 10 | - | 100 | 100 | 100 |
| 617 | Sulfamic Acid | 15 | - | 80 | 80 | 80 |
| 618 | Sulfamic Acid | 25 | - | 65 | 65 | 65 |
| 619 | Sulfonated Detergents | 100 | - | 70 | 80 | 70 |
| 620 | Sulfur Chloride, Fumes | | - | 95 | 95 | 95 |
| 621 | Sulfur Dioxide Gas | Dry | 80 | 165 | 205 | 165 |
| 622 | Sulfur Dioxide Gas | Wet | 30 | 80 | 100 | 80 |
| 623 | Sulfur, Molten | 100 | - | - | 150 | - |
| 624 | Sulfur Trioxide, Dry | fume | - | 100 | 150 | 100 |
| 625 | Sulfur, Wettable, Fungicide | All | - | 80 | 80 | 80 |
| 626 | Sulfuric Acid | 10 | 80 | 100 | 105 | 100 |
| 627 | Sulfuric Acid | 25 | 80 | 100 | 105 | 100 |
| 628 | Sulfuric Acid | 50 | NR | 100 | 100 | 100 |
| 629 | Sulfuric Acid | 70 | NR | 80 | 80 | 80 |
| 630 | Sulfuric Acid | 75 | NR | 40 | 80 | 40 |
| 631 | Sulfuric Acid | 80 | NR | 40 | 50 | 40 |
| 632 | Sulfuric Acid : Chromic Acid Mixture (Maximum Total Concentration 10%) | | - | 50 | 65 | 50 |
| 633 | Sulfuric Acid, Vapor | | - | 100 | 180 | 100 |
| 634 | Sulfuric Acid : Phosphoric Acid | (0-25 : 0-25) | - | 80 | 80 | 80 |
| 635 | Sulfuryl Anhydride | 100 | - | 100 | 110 | 100 |
| 636 | Sulfurous Acid | 10 | - | 50 | 50 | 50 |
| 637 | Surfactant, Anionic | All | - | 50 | 50 | 50 |
| | T | | | | | |
| 638 | Tall Oil reactor | | - | 100 | 105 | 100 |
| 639 | Tall Oil Storage | All | - | 95 | 105 | 95 |
| 640 | Tannic Acid | All | 80 | 100 | 100 | 100 |

| | | | | | | |
|-----|---|-------|----|-----|-----|-----|
| 641 | Tartaric Acid | All | 80 | 100 | 100 | 100 |
| 642 | t-Butyl Methyl Ether | 20 | - | 40 | 50 | 40 |
| 643 | Tetrabutyltin | 100 | - | 50 | 50 | 50 |
| 644 | Tetrachloroethane | 100 | - | 40 | 55 | 40 |
| 645 | Tetrachloroethylene (Perchloroethylene) | 100 | NR | 25 | 50 | 50 |
| 646 | Tetrachloropentane | 100 | NR | 25 | 40 | - |
| 647 | Tetrachloropyridine | 100 | NR | 25 | 50 | 25 |
| 648 | Tetrahydrofuran | 20 | NR | 40 | 50 | 40 |
| 649 | Tetrahydrofuran, Fume | Fume | NR | - | 80 | 80 |
| 650 | Tetramethyl Ammonium Hydroxide | 10 | - | 50 | - | 50 |
| 651 | Tetra-n-butyl Ammonium Hydroxide | 40 | - | 40 | - | 40 |
| 652 | Tetra-n-Butylphosphonium Hydroxide | 40 | - | 40 | - | 40 |
| 653 | Tetrahydro Furyl Alcohol | 100 | NR | 50 | 50 | - |
| 654 | Tetrapotassium Pyrophosphate | 60 | - | 55 | 65 | 55 |
| 655 | Thioglycolic Acid (Mercaptoacetic Acid) | All | - | NR | 40 | NR |
| 656 | Thionyl Chloride | 100 | NR | NR | NR | NR |
| 657 | Thiourea | 50 | - | 65 | 65 | 65 |
| 658 | Titanium Dioxide | All | - | 80 | 80 | 80 |
| 659 | Titanium Tetrachloride | All | - | 65 | 80 | 65 |
| 660 | Toluene | 100 | NR | 25 | 50 | 40 |
| 661 | Toluene Diisocyanate | 100 | NR | 27 | 27 | 27 |
| 662 | Toluene Sodium Phosphate | 25 | - | 90 | 100 | - |
| 663 | Toluene Sulfonic Acid | All | - | 80 | 100 | 95 |
| 664 | Tomato Sauce | All | - | 90 | - | - |
| 665 | Transformer Oils | | | 100 | 150 | 110 |
| 666 | Tributyl Phosphate | 100 | - | 50 | 60 | 50 |
| 667 | Trichloroacetic Acid -> Chloroacetic acid | | | | | |
| 668 | Trichloroethane | 100 | NR | 40 | 50 | 40 |
| 669 | Trichloroethylene | 100 | NR | NR | NR | NR |
| 670 | Trichloromono fluoromethane | 100 | NR | 25 | 40 | 40 |
| 671 | Tricrecyl Phosphate | 100 | - | 70 | 70 | 70 |
| 672 | Triethanolamine | 100 | NR | 50 | 65 | 50 |
| 673 | Triethylamine | 100 | NR | 50 | 50 | 50 |
| 674 | Triethylene Glycol | All | 80 | 100 | 100 | 100 |
| 675 | Trimethyl Ammonium Chloride | 70 | - | 40 | 50 | 40 |
| 676 | Trimethyl Benzene | 100 | - | 25 | 50 | 25 |
| 677 | Trimethyl Amine | 20 | - | 40 | 50 | 40 |
| 678 | Trimethyl Amine | 100 | - | 25 | 40 | 25 |
| 679 | Trimethyl Amine, Fumes | Fume | - | NR | 40 | NR |
| 680 | Trimethylene Chlorobromide | | NR | NR | NR | NR |
| 681 | Trioctyl Phosphate | 100 | - | 70 | 80 | 70 |
| 682 | Triphenyl Phosphate | 100 | 30 | - | - | - |
| 683 | Tripropylene Glycol | 100 | - | 65 | 65 | - |
| 684 | Trisodium Phosphate | All | - | 100 | 120 | 100 |
| 685 | Turpentine | 100 | 30 | 65 | 100 | 65 |
| 686 | TWEEN Surfactant -> Ethylene Glycol U | | | | | |
| 687 | Urea | 50 | 50 | 70 | 70 | 70 |
| 688 | Urea : Ammonium Nitrate : Water = 35 : 44 : 20 | | - | 50 | NR | 50 |
| 689 | Urea Formaldehyde Resin V | 100 | - | 40 | 50 | 40 |
| 690 | Vinegar | 100 | 80 | 100 | 100 | 100 |
| 691 | Vinyl Acetate | 20 | - | 40 | 40 | 40 |
| 692 | Vinyl Chloride | 100 | - | NR | NR | NR |
| 693 | Vinyltoluene W | 100 | - | 25 | 50 | 25 |
| 694 | Water | | 80 | - | - | 100 |
| 695 | Water, 50ppm Phenol | | - | - | 50 | - |
| 696 | Water, Deionized | 100 | - | 80 | 80 | 80 |
| 697 | Water, Distilled | 100 | 80 | 80 | 80 | 80 |
| 698 | Water, Sea, Desalination | All | - | 80 | 80 | 80 |
| 699 | Water, Steam Condensate | 100 | - | 80 | 80 | 80 |
| 700 | Water, Vapor, Wet | Sat'd | - | 80 | 80 | 80 |

| | | | | | | |
|-----|-------------------------|-------|----|-----|-----|-----|
| | X | | | | | |
| 701 | Xylene | 100 | 30 | 25 | 50 | 25 |
| | Z | | | | | |
| 702 | Zinc Chloride | Sat'd | - | 100 | 120 | 100 |
| 703 | Zinc Electrolyte | | - | 65 | 65 | 65 |
| 704 | Zinc Nitrate | Sat'd | 80 | 100 | 120 | 100 |
| 705 | Zinc Phosphate | All | - | 80 | 80 | 80 |
| 706 | Zinc Sulfate | Sat'd | 80 | 110 | 150 | 100 |