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|---|------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| No Effect Minor to Moderate Effect Severe Effect- Not Recommended | OK SOME NO | | | | | | | | | | | | |
| | AFF Model Number | 8050 | 8051 | 8055 | 8060 | 8064 | 8070 | 8071 | 8075 | 8076 | 8080 | 8081 | 8210 |
| | Chemical | | | | | | | | | | | | |
| Acetaldehyde | NO | NO | NO | NO | SOME | NO | NO | NO | NO | NO | NO | NO | NO |
| Acetic acid 20% | NO | NO | NO | NO | NO | NO | NO | SOME | OK | NO | NO | NO | NO |
| Acetone | NO | NO | NO | NO | OK | NO | NO | NO | NO | NO | NO | NO | NO |
| Alcohol: Amyl | NO | NO | SOME | SOME | OK | SOME | SOME | SOME | OK | SOME | SOME | SOME | OK |
| Alcohol: Benzyl | NO | NO | NO | NO | OK | NO | NO | SOME | OK | NO | NO | NO | NO |
| Alcohol: Butyl | NO | NO | SOME | SOME | OK | SOME | SOME | SOME | OK | SOME | SOME | SOME | SOME |
| Alcohol: Diacetone | NO | NO | NO | NO | OK | NO | NO | NO | NO | NO | NO | NO | NO |
| Alcohol: Ethyl | SOME | SOME | SOME | SOME | OK | SOME | SOME | OK | NO | SOME | SOME | SOME | SOME |
| Alcohol: Hexyl | SOME | SOME | SOME | SOME | OK | SOME | SOME | SOME | NO | SOME | SOME | SOME | SOME |
| Alcohol: Isobutyl | SOME | SOME | SOME | SOME | OK | SOME | SOME | SOME | NO | SOME | SOME | SOME | SOME |
| Alcohol: Isopropyl | SOME | SOME | SOME | SOME | OK | SOME | SOME | SOME | NO | SOME | SOME | SOME | OK |
| Alcohol: Methyl | SOME | SOME | NO | NO | OK | SOME | SOME | NO | SOME | SOME | SOME | SOME | OK |
| Alcohol: Propyl | SOME | SOME | NO | NO | OK | OK | SOME | OK | OK | SOME | SOME | SOME | OK |
| Ammonia: 10% | NO | NO | NO | NO | NO | NO | NO | OK | NO | NO | NO | NO | NO |
| Ammonia, anhydrous | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| Ammonia, liquid | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| Ammonium Hydroxide | NO | NO | NO | NO | NO | NO | NO | SOME | OK | NO | NO | NO | NO |
| Anti-freeze | NO | NO | OK | OK | OK | NO | NO | OK | NO | NO | OK | NO | NO |
| Benzene | NO | NO | NO | NO | NO | NO | NO | OK | NO | NO | NO | NO | NO |
| Benzoic Acid | NO | NO | NO | SOME | OK | NO | NO | NO | OK | NO | NO | NO | NO |
| Bleach | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| Boric Acid | NO | NO | SOME | SOME | OK | NO | NO | OK | OK | NO | NO | NO | NO |
| Calcium Chloride(30% in water) | NO | NO | NO | NO | NO | NO | NO | NO | OK | NO | NO | NO | NO |
| Calcium Hypochlorite | NO | NO | NO | NO | NO | NO | NO | NO | OK | NO | NO | NO | NO |
| Calcium Sulfate | SOME | SOME | SOME | SOME | OK | NO | NO | OK | OK | SOME | SOME | SOME | NO |
| Citric Acid | NO | NO | SOME | SOME | NO | NO | NO | SOME | OK | NO | NO | NO | NO |
| Copper Chloride | NO | NO | SOME | SOME | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| Copper Sulfate(5%) | NO | NO | SOME | SOME | NO | NO | NO | OK | OK | NO | NO | NO | NO |
| DEF/Urea | NO | NO | OK | NO | OK | NO | NO | SOME | OK | NO | NO | NO | NO |
| Detergents | NO | NO | OK | OK | OK | NO | NO | OK | OK | NO | NO | NO | NO |
| Diesel Fuel | OK | OK | NO | OK | OK | OK | OK | NO | NO | OK | OK | OK | OK |
| Ethyl Acetate | NO | NO | NO | NO | OK | NO | NO | NO | NO | NO | NO | NO | NO |
| Ethylene Glycol | NO | NO | OK | OK | OK | NO | SOME | OK | OK | NO | OK | NO | NO |
| Formic Acid | NO | NO | NO | NO | OK | NO | NO | SOME | SOME | NO | NO | NO | NO |
| Fuel Oils | SOME | SOME | NO | NO | OK | SOME | SOME | NO | OK | SOME | SOME | SOME | OK |
| Gasoline | NO | NO | NO | NO | NO | NO | OK | SOME | NO | NO | NO | NO | OK |
| Glycerin | NO | NO | OK | OK | OK | NO | SOME | OK | OK | NO | NO | NO | NO |
| Hydrochloric Acid, to 37% | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| Hydrochloric Acid, to 50% | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| Hydrogen Peroxide, to 30% | NO | NO | NO | NO | NO | NO | NO | SOME | NO | NO | NO | NO | NO |
| Jet Fuel(JP3: JP4: JP5) | NO | NO | NO | NO | OK | NO | SOME | NO | OK | NO | NO | NO | OK |
| Kerosene | OK | OK | NO | NO | OK | OK | OK | NO | NO | OK | OK | OK | OK |
| Lacquers | NO | NO | NO | NO | OK | NO | NO | NO | NO | NO | NO | NO | NO |
| Lacquer Thinners | NO | NO | NO | NO | OK | NO | NO | NO | NO | NO | NO | NO | NO |
| Lactic Acid | NO | NO | SOME | SOME | SOME | NO | NO | SOME | OK | NO | NO | NO | NO |
| Methyl Ethyl Ketone | NO | NO | NO | NO | OK | NO | NO | NO | NO | NO | NO | NO | NO |
| Mineral Spirits | NO | NO | NO | NO | OK | NO | NO | NO | NO | NO | OK | OK | OK |
| Naphtha | NO | NO | NO | NO | NO | NO | NO | NO | OK | NO | NO | NO | OK |
| Nitric Acid, to 20% | NO | NO | NO | NO | NO | NO | NO | SOME | SOME | NO | NO | NO | NO |
| Oxalic Acid, (Cold) | NO | NO | SOME | NO | NO | NO | NO | SOME | OK | NO | NO | NO | NO |
| Phosphoric Acid, to 40% solution | NO | NO | NO | NO | NO | NO | NO | SOME | OK | NO | NO | NO | NO |
| Photographic(developer) | NO | NO | SOME | SOME | NO | NO | NO | SOME | NO | NO | NO | NO | NO |
| Potassium Chloride | NO | NO | SOME | SOME | NO | NO | SOME | SOME | OK | NO | NO | NO | NO |
| Potassium Hydroxide | NO | NO | NO | NO | OK | NO | NO | NO | NO | NO | NO | NO | NO |
| Propylene Glycol | NO | NO | SOME | SOME | SOME | NO | NO | SOME | NO | NO | SOME | SOME | OK |
| Silicone | OK | OK | OK | OK | OK | OK | OK | OK | OK | OK | OK | OK | NO |
| Sodium Bicarbonate | NO | NO | SOME | SOME | OK | NO | SOME | OK | OK | NO | NO | NO | SOME |
| Sodium Chloride | NO | NO | SOME | SOME | OK | NO | NO | SOME | OK | NO | NO | NO | NO |
| Sodium Hydroxide 50% | NO | NO | NO | NO | SOME | NO | NO | NO | NO | NO | NO | NO | NO |
| Sodium Hypochlorite < 20% | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| Sodium Nitrate | NO | NO | NO | SOME | OK | NO | NO | NO | OK | NO | NO | NO | OK |
| Sodium Sulfate | SOME | SOME | SOME | SOME | OK | NO | NO | SOME | OK | SOME | SOME | SOME | OK |
| Stoddard Solvent | SOME | SOME | NO | NO | OK | NO | NO | NO | SOME | SOME | SOME | SOME | NO |
| Sulfuric Acid, 75% | NO | NO | NO | NO | NO | NO | NO | NO | SOME | NO | NO | NO | NO |
| Toluene, Toluol | NO | NO | NO | NO | SOME | NO | NO | NO | SOME | NO | SOME | SOME | NO |
| Tricochlorethane | NO | NO | NO | NO | SOME | NO | NO | NO | NO | NO | SOME | SOME | NO |
| Trichlorethylene | NO | NO | NO | NO | SOME | NO | NO | NO | SOME | NO | SOME | SOME | NO |
| Turpentine | NO | NO | NO | NO | SOME | NO | NO | NO | NO | NO | SOME | SOME | NO |
| Xylene | NO | NO | NO | NO | OK | NO | NO | NO | OK | NO | SOME | SOME | NO |