

CHEMICAL EFFECT RATING

	No Effect - Excellent
	Minor Effect - Good
	Moderate Effect - Fair
	Severe Effect - Poor
	Not Tested

EXPLANATION OF BULLETS

•	Satisfactory to 72° F
••	Satisfactory to 120° F

		PVC
Acetaldehyde		
Acetamide		
Acetate Solvent		
Acetic Acid Glacial		
Acetic Acid 20%		
Acetic Acid		
Acetic Anhydride		
Acetone		
Acetyl Chloride (dry)		
Acetylene		•
Alcohols:		
	Amyl	••
	Benzyl	
	Butyl	••
	Diacetone	•
	Ethyl	
	Hexyl	••
	Isobutyl	•
	Isopropyl	•
	Methyl	•
	Octyl	
	Propyl	•
Aluminum Chloride		••
Aluminum Fluoride		••
Aluminum Hydroxide		••
Aluminum Potassium Sulfate 100%		••
Aluminum Sulfate		••
Amines		
Ammonia 10%		•
Ammonia, anhydrous		••
Ammonia, liquid		••
Ammonia Nitrate		
Ammonium Bifluoride		••
Ammonium Carbonate		••
Ammonium Chloride		••
Ammonium Hydroxide		
Ammonium Nitrate		••
Ammonium Persulfate		••
Ammonium Phosphate, Dabasic		••
Ammonium Phosphate, Monobasic		
Ammonium Phosphate, Tribasic		
Ammonium Sulfate		••
Amyl Acetate		•
Amyl Alcohol		••
Amyl Chloride		
Aniline		•
Anti-Freeze		
Antimony Trichloride		••
Chromic Acid 30%		••
Chromic Acid 50%		••
Citric Acid		••
Clorox (Bleach)		
Copper Chloride		

	PVC
Aqua Regina (80% HCl, 20% HNO ³)	•
Aromatic Hydrocarbons	
Arsenic Acid	•
Barium Carbonate	••
Barium Chloride	•
Barium Cyanide	
Barium Hydroxide	••
Barium Nitrate	
Barium Sulfate	•
Barium Sulfide	••
Beer	
Beet Sugar Liquids	••
Benzaldehyde	
Benzene	•
Benzoic Acid	
Borax (Sodium Borate)	•
Boric Acid	••
Bromine	
Butadiene	•
Butane	
Butanol (Butyl Alcohol)	•
Butylene	
Butylacetate	
Butyric Acid	•
Calcium Bisulfide	••
Calcium Bisulfite	
Calcium Carbonate	••
Calcium Chloride	••
Calcium Hydroxide	••
Calcium Hypochlorite	
Calcium Sulfate	••
Carbolic Acid (see Phenol)	
Carbon Bisulfide	
Carbon Dioxide	
Carbon Disulfide	
Carbon Monoxide	••
Carbo Tetrachloride	•
Carbonate Water	
Carbonic Acid	••
Chloroacetic Acid	•
Chlorine, Anhydrous liquid	•
Chlorine, dry	••
Chlorine Water	••
Chlorobenzene (Mono)	
Chloroform	
Chlorosulfonic Acid	
Chromic Acid 5%	
Hydrobromic Acid, Dry Gas	••
Hydrochloric Acid 20%	••
Hydrochloric Acid 37%	
Hydrochloric Acid 100%	••
Hydrocyanic Acid	•

Copper Cyanide	••
Copper Nitrate	••
Copper Sulfate 5%	••
Corn	
Cotton Seed	••
Creosote	
Cresols	
Cresylic Acid	•
Cyclohexane	
Derergents	
Dichlorethane	
Diesel Fuel	••
Diesel Fule (20,30,40,50)	••
Diethylamine	
Diethylene Glycol	
Epsom Salts (Magnesium Sulfate)	••
Ethane	
Ethanolamine	
Ether ³	
Ethyl Acetate	•
Ethyl Chloride	
Ethylene Chloride	
Ethylene Dichloride	
Ethylene Glycol	•
Ethylene Oxide	•
Fatty Acids	•
Ferric Chloride	••
Ferric Nitrate	••
Ferric Sulfate	••
Ferrous Sulfate	••
Fuoboric Acid	
Fuluorine	
Flyosilicic Acid	•
Formaldehyde 40%	•
Formaldehyde 100%	
Formic Acid	•
Freon 12	••
Freon 113	
Fuel (1,2,3,5A,5B 6)	••
Fuel Oils	••
Furan Resin	
Furfural	
Gallic Acid	••
Gasoline	•
Glucose	••
Glycerin	•
Glycolic Acid	••
Heptane	•
Hexane	•
Hydraulic Oil (Petro)	
Hydraulic Oil (Synthetic)	
Hydrobromic Acid 20%	••
Hydrobromic Acid 100%	•
Nickel Chloride	••
Nickel Sulfate	••
Nitric Acid (5-10%)	•
Nitric Acid (20%)	•
Nitric Acid (50%)	•
Nitric Acid (Concentrated)	
Nitrobenzene	
Oils: Olive	
Pine	
Rosin	•
Sillicone	
Soybean	•

Hydrocyanic Acid (Gas 10%)	
Hydrofluoric Acid 20%	
Hydrofluoric Acid 100%	
Hydrofluosilicic Acid 20%	••
Hydrofluosilicic Acid 100%	•
Hydrogen Gas	••
Hydrogen Peroxide 50%	•
Hydrogen Peroxide 100%	••
Hydrogen Sulifide (aqua)	•
Hydrogen Sulifide (dry)	••
Hydroxyacetic Acid 70%	
Iodine	
Isopropyl Acetate	
Isopropyl Ether	
Jet Fuel (JP3, -4, -5)	•
Kerosene	••
Ketones	
Lacquers	
Lacquers Thinners	
Lactic Acid	•
Lard	•
Lead Acetate	••
Lead Sulfamate	••
Lime	•
Linseed	••
Lubricants	••
Magnesium Carbonate	••
Magnesium Chloride	••
Magnesium Hydroxide	••
Magnesium Nitrate	••
Magnesium Sulfate	••
Maleic Acid	••
Malic Acid	••
Maleic Acid	••
Mercuric Chloride (Dilute)	••
Mercuric Cyanide	••
Mercury	
Methanol (Methyl Alcohol)	•
Methyl Acetate	
Methyl Alcohol 10%	•
Methyl Bormide	
Methyl butyl Ketone	
Methyl Cellosolve	••
Methyl Chloride	
Methyl Dichloride	
Methyl Ethyl Ketone	
Methyl Isobutyl Ketone	
Methylene Chloride	
Milk	••
Mineral Oil	•
Molasses	••
Naphtha	
Naphthalene	
Sodium Chloride	••
Sodium Cyanide	••
Sodium Fluoride	••
Sodium Hydroxide (20%)	
Sodium Hydroxide (50%)	
Sodium Hydroxide (80%)	
Sodium Hypochlorite (20%)	
Sodium Hypochloroite (100%)	••
Sodium Metaphosphate	••
Sodium Metasilicate	
Sodium Nitrate	••
Sodium Perborate	••

Turbine	.
Oleic Acid	..
Oleum 25%	
Oleum 100%	
Oxalic Acid (cold)	.
Paraffin	.
Pentane	
Perchloroethylene	.
Petrolatum	
Phenol (10%)	.
Phenol (Carbolic Acid)	.
Phosphoric Acid (<40%)	..
Phosphoric Acid (>40%)	..
Phosphoric Acid (Crude)	..
Photographic Developer	
Picric Acid	
Potash	
Potassium Bicarbonate	
Potassium Bromide	
Potassium Carbonate	
Potassium Chlorate	
Potassium Chromate	
Potassium Cyanide Solutions	
Potassium Dichromate	
Potassium Ferrocyanide	
Potassium Hydroxide (Caustic Potash)	.
Potassium Nitrate	
Potassium Permanganate	.
Potassium Sulfate	..
Potassium Sulfide	..
Propane (liquified)	.
Propylene Glycol	.
Pyridine	
Pyrogalllic Acid	
Rosins	.
Sea Water	..
Silicone	
Silver Nitrate	.
Soap Solutions	
Sodium Acetate	.
Sodium Bicarbonate	..
Sodium Bisulfate	..
Sodium Bisulfite	..
Sodium Borate	..
Sodium Carbonate	..
Sodium Chlorate	.

Sodium Polyphosphate	.
Sodium Silicate	..
Sodium Sulfate	..
Sodium Sulfide	..
Sodium Tetraborate	..
Sodium Thiosulfate (hypo)	..
Stannic Chloride	..
Stannous Chloride	.
Sulfur Dioxide	.
Sulfur Dioxide (dry)	..
Sulfur Trioxide (dry)	.
Sulfuric Acid (10%)	.
Sulfuric Acid (10-75%)	.
Sulfurous Acid	..
Tannic Acid	.
Tanning Liquours	.
Tartaric Acid	.
Tomato Juice	
Urine	
Vinegar	..
Water, Acid, Mine	..
Water, Distilled	..
Water, Fresh	..
Water, Salt	..
Whiskey & Wines	..
White Liquor (Pulp Mill)	..
Xylene	
Zinc Chloride	..
Zinc Sulfate	..