



### 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		PVC
Acetaldehyde		Aqua Regina (80% HCl, 20% HNO <sup>3</sup> )	•
Acetamide		Aromatic Hydrocarbons	
Acetate Solvent		Arsenic Acid	•
Acetic Acid Glacial		Barium Carbonate	••
Acetic Acid 20%		Barium Chloride	•
Acetic Acid		Barium Cyanide	
Acetic Anhydride		Barium Hydroxide	••
Acetone		Barium Nitrate	
Acetyl Chloride (dry)		Barium Sulfate	•
Acetylene	•	Barium Sulfide	••
Alcohols: Amyl	••	Beer	
Benzyl		Beet Sugar Liquids	••
Butyl	••	Benzaldehyde	
Diacetone	•	Benzene	•
Ethyl		Benzoic Acid	
Hexyl	••	Borax (Sodium Borate)	•
Isobutyl	•	Boric Acid	••
Isopropyl	•	Bromine	
Methyl	•	Butadiene	•
Octyl		Butane	
Propyl	•	Butanol (Butyl Alcohol)	•
Aluminum Chloride	••	Butylene	
Aluminum Fluoride	••	Butylacetate	
Aluminum Hydroxide	••	Butyric Acid	•
Aluminum Potassium Sulfate 100%	••	Calcium Bisulfide	••
Aluminum Sulfate	••	Calcium Bisulfite	
Amines		Calcium Carbonate	••
Ammonia 10%	•	Calcium Chloride	••
Ammonia, anhydrous	••	Calcium Hydroxide	••
Ammonia, liquid	••	Calcium Hypochlorite	
Ammonia Nitrate		Calcium Sulfate	••
Ammonium Bifluoride	••	Carbolic Acid (see Phenol)	
Ammonium Carbonate	••	Carbon Bisulfide	
Ammonium Chloride	••	Carbon Dioxide	
Ammonium Hydroxide		Carbon Disulfide	
Ammonium Nitrate	••	Carbon Monoxide	••
Ammonium Persulfate	••	Carbo Tetrachloride	•
Ammonium Phosphate, Dabasic	••	Carbonate Water	
Ammonium Phosphate, Monobasic		Carbonic Acid	••
Ammonium Phosphate, Tribasic		Chloroacetic Acid	
Ammonium Sulfate	••	Chlorine, Anhydrous liquid	
Amyl Acetate		Chlorine, dry	••
Amyl Alcohol	••	Chlorine Water	••
Amyl Chloride		Chlorobenzene (Mono)	
Aniline	•	Chloroform	
Anti-Freeze		Chlorosulfonic Acid	
Antimony Trichloride	••	Chromic Acid 5%	
Chromic Acid 30%	••	Hydrobromic Acid, Dry Gas	••
Chromic Acid 50%	••	Hydrochloric Acid 20%	••
Citric Acid	••	Hydrochloric Acid 37%	
Clorox (Bleach)		Hydrochloric Acid 100%	••
Copper Chloride		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 <sup>3</sup>	
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	
Pyrogallic 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	..