

# Chemical Resistance General Guide

Chemicals	Rating
Acids	
Inorganic	E
Inorganic / Weak	E
Inorganic / Strong	G
Inorganic / Strong oxidising	E
Organic	E
Organic / Weak	E
Organic / Strong	E
Alcohols	E
Aldehydes	E
Amines	
Aliphatic	E
Aromatic	E
Bases	E
Beverages	E
Condiments	E
Esters	G
Foodstuffs	E
Glycols	
Polyglycols	E
Polyglycol Ethers	E
Hydrocarbons	
Aliphatic	N
Aromatic	N
Chlorinated	N
Insecticides	G
Ketones	G
Oils	
Essential oils	F

Vegetable oils	E
Pharmaceuticals	E
Salts	E

# Chemical Resistance Chart

Chemicals	Conc. (%)	Densit	
		0.910 - 0.925 23°C	60°C
Acetaldehyde		F	n
Acetic acid	5	E	E
Acetic acid	10	E	E
Acetic acid	25	E	E
Acetic acid	30	E	E
Acetic acid	50	E	E
Acetic anhydride		e	e
Acetone		G	G
Acetophenone		G	F
Acetyphenetidin		e	e
Acetyl-dl-Alanine (Power)		E	E
Acetyl-dl-Leucine-n(n-acetyl-dl-leucine)		E	E
Acetyl-dl-Methionine-n (Powder) (n-acetyl-dl-methionine)		E	E
ACETYL-DL-Tryptophan-n (Powder)(n-acetyl-dl-tryptophan)		E	E
Acetyl-dl-Valine-n (Powder) (n-acetyl-dl-valine)		E	E
Acetylsalicylic Acid		e	e
Powder		e	e
Wet Paste		e	e
Acetylene Tetrabromide		n	n
Adipic Acid		G	g
Alanine-dl (dl-alanine)		E	E
Allyl alcohol		E	G
Aloin (Powder)		e	e
Aluminum Acetate		G	G
Aluminum Chloride		G	G
	21	g	g
Saturated		g	g
Aluminum Fluoride		G	G
Aluminum Hydroxide		G	G
Aluminum Oxalate		G	G

Aluminum Oxide		e	e
Aluminum Potassium Sulfate		E	e
Aluminum Sulfate		G	G
Saturated		g	g
Aluminum Sodium Sulfate		E	E
Amino Acetic Acid (Glycine)		e	e
Aminobutric-a-dl Acid (a-dl-aminobutric)		E	E
Aminoisobutvric-2 Acid		E	E
Ammonia		G	G
Ammonium Acetate (Saturated)		e	e
Ammonium Aluminum Sulfate		E	E
Ammonium Bicarbonate		G	G
Ammonium Bifluoride (Saturated)		E	E
Ammonium Bromide		e	e
Ammonium Carbonate		E	G
Saturated		e	e
Ammonium chloride		G	G
Ammonium Dichromate (Saturated)		g	g
Ammonium Floride	10	g	g
Saturated		g	g
Ammonium Glycolate		G	F
Ammonium Hydroxide	5	g	g
	10	E	G
	15	e	g
	20	e	g
	25	E	G
	30	G	G
Concentrated		g	g
Ammonium Metaphosphate		G	G
Ammonium Molybdate		E	E
Saturated		E	E
Ammonium Nitrate		G	G
Saturated		E	E
Ammonium Oxylate		G	G
Ammonium Persulfate		G	G
Ammonium Phosphate		G	G
Ammonium Sulfate		G	G
Saturated		g	g
Ammonium Sulfocyanide		E	E
Ammonium Thiocyanate		g	g
Ammonium Thioglycolate		g	g
Amyl-n Alcohol (n-amyl alcohol)		E	G

Amyl Acetate-n (n-amyl acetate)		F	P
Amyl Chloride		n	n
Amyl Phthalate		E	F
Aniline		G	F
Aniline Sulphate		g	g
Anise Seed Oil		F	P
Anthranilic Acid		E	E
Antimony Trichloride		g	g
Aqua Regia (3 parts conc. HCl-1 part conc. HNO <sub>3</sub> )		g	p
Arsenic (Concentrated)		G	G
Arsenic Trioxide		g	g
Aspirin Pills		e	e
Powder		e	e
West Paste		e	e
Atropine Sulfate		E	E
Barium Bromide		E	E
Barium Carbonate		E	E
Saturated		e	e
Barium Chloride		G	G
Saturated		E	E
Barium Hydroxide		G	G
Barium Sulfate		G	G
Barium Sulfide		E	E
Beer		G	G
Benzaldehyde		G	F
(in isopropyl alcohol)	1	E	E
(in isopropyl alcohol)	5	E	G
(in isopropyl alcohol)	10	E	F
Benzene		N	N
Benzene Hexachloride-g		g	f
	20 (Lindane)	n	n
Benzene Sulfonic Acid		G	G
Benzoic Acid Crystals		E	E
Saturated		E	G
Benzyl alcohol		N	N
	1.5	g	g
Benzyl Acetate		G	F
Bismuth Carbonate		G	G
Borax (Powder)		e	e
Saturated		E	G
Boric Acid		e	e
	10	e	e

Saturated Solution		E	E
Boron Trifluoride		G	g
Brine		e	e
Bromine		N	N
Bromoacetic Acid		E	F
Bromobenzene		n	n
Bromobutyric-2 Acid		G	F
Bromoform		n	n
Bromosalicylic-5 Acid (Powder)		E	E
Saturated		e	e
Bromotoluene-m (m-bromotoluene)		n	n
Butadiene		n	n
Butanane-2, 4p-Methoxy Phenol		n	n
Butter		E	G
BUTYL-N Alcohol (n-butyl alcohol)		E	E
Butyl Acetate-n (n-butyl acetate)		F	P
Butyl-Sec Alcohol (sec-butyl alcohol)		E	F
Butyl-tert Alcohol		G	F
Butyl Chloride		n	n
Butylphenol-dl-sec (dl-sec-butylphenol)		n	n
Butyl-n Stearate (n-butyl stearate)		g	g
Butylphenol-dl-tert (dl-tert-butylphenol)		n	n
Butylphenol-o-sec (o-sec-butylphenol)		n	n
Butylphenol-p-sec (p-sec-butylphenol)		n	n
Butylphenol-p-tert (p-tert-butylphenol)		n	n
Butyric-n Acid (n-butyric-acid)		N	N
Butyraldehyde		N	N
Cadmium Bromide		E	E
Caffeine Citrate (Saturated)		e	e
Calcium Bromide		E	E
Calcium Carbonate		G	G
Calcium Chlorate		e	e
Calcium Chloride Powder		e	e
	15	e	e
Saturated		e	e
Calcium Chloride Sulfate		E	E
Calcium Hydroxide (Concetrated)		E	G
Calcium Hypochlorite Powder		E	G
	20	E	E
Saturated		E	G
Calcium Nitrate		e	g
Saturated		e	g

Calcium Oxide Powder		E	E
Saturated		e	e
Calcium Salicylate		e	e
Calcium Sulfate		G	G
Camphor Crystals		g	g
Camphor Oil		N	N
Carbazole		E	E
Carbon Bisulfide		N	N
Carbon Dioxide		G	G
Carbon Monoxide		G	G
Carbon Tetrachloride		N	N
Carnauba Wax		E	E
Carrot Juice		e	e
Castor Oil U.S.P.		E	E
Catsup		e	e
Cedar Leaf Oil		P	N
Cedar Wood Oil		N	N
Cellosolve Acetate		g	f
Cesium Bromide		E	E
Cetyl Alcohol		E	F
Chlorine in air	10	F	n
		F	N
(Moist)	10	f	n
Chloro-1, Nitropropane-1		n	n
Chloro-2-phenyphenol-4		G	F
Chloroacetic Acid (Powder)		E	E
Chlorobenzene		N	N
Chloroform		N	N
Chlorophenol-o (o-chlorophenol)		n	n
Chlorophenylphenol-4 and 6 mixture		G	G
Chloropropionic Acid		E	G
Chlorosulphonic Acid		N	N
Chromic Acid	10	E	E
	20	E	E
	50	E	E
Plating solution		G	G
Chromic and Sulfuric Acid Mixture		g	g
Cider		G	G
Cinnamon		e	e
Cinnamon Oil		n	n
Citric Acid Crystals		E	E
	10	E	E

Citronella Oil		P	N
Cloves (Ground)		g	g
Clove Oil		G	F
Coconut Oil		E	G
Cod Liver Oil		E	E
Coffee Ground		E	E
Coffee Instant, powder		E	E
Copper Chloride		G	G
Saturated		G	G
Copper Cyanide		G	G
Copper Fluoroborate		g	g
Copper Nitrate		G	G
Copper Sulfate		G	G
Saturated		E	E
Corn Oil		E	E
Cottonseed Oil		E	E
Cranberry Sauce		e	e
Cresol		n	n
Cresotinic-o Acid (o-cresotinic acid)		E	E
Cumyl Phenol -p (p-cumyl phenol)		n	n
Cuprouse Oxide		E	E
Cyanoacetic Acid		E	E
Cyclohexyl Alcohol		E	G
Cyclohexane		n	n
Cyclohexanone		F	F
Decalin		N	N
Dehydroacetic Acid Powder		E	E
	1	E	G
Diacetone		E	E
Dibutoxyetyhl Phthalate		e	g
Dibutyl phthalate		E	G
Dibutyl Sebacate		e	g
Dichlorobenzene-p (PARADOW*) (P-DICHLOROBENZENE)		P	N
Dichlorobenzene-o (o-dichlorobenzene)		N	N
Dichloro-Diphenyl-Trichloroethane 75% (D.D.T.)		E	G
Diethanolamine		g	g
Diethyl Benzene		n	n
Diethyl Ether		N	N
Diethyl Ketone		F	P
Diethyl Malonate		e	g
Diethyl Phthalate		E	E
Diethylene Glycol		G	G



Diethylene Glycol Butyl Ether		E	E
Diethylene Glycol Ethyl Ether		E	E
Diethylene Glycol Methyl Ether		E	E
Diethylene Triamine		g	g
Dihydroxyphenyl alanine-34-dl-B		E	G
Dimethyl-dichloro-vinyl-phosphate		g	g
Dimethyl Formamide		E	E
Dioctyl Phthalate		e	g
Dioxane- 1,4		F	P
Diphenyl Amine		e	g
Diphenyl Oxide		f	p
Dipropylene Glycol		e	e
Dipropylene Glycol Methyl Ether		E	G
Ethyl Alcohol	40	G	g
(Formula 30) (USP)		E	e
Absolute		G	g
2-B	95	E	E
Ethyl Acetate		G	G
	85-88	e	g
Ethyl Benzene		N	N
Ethyl Benzoate		P	P
Ethyl Bromoacetate		G	G
Ethyl Butyrate		F	N
Ethyl Chloride Gas		n	n
Liquid		n	n
Ethyl Chloroacetate		G	G
Ethyl Cyanoacetate		E	E
Ethyl Lactate		E	E
Ethyl Monochloro Acetate		g	f
Ethyl Salicylate		F	P
Ethylene Chloride		N	N
Ethylene Chlorohydrin		n	n
Ethylene Diamine		e	g
Ethylene Dichloride		N	N
Ethylene Glycol		E	E
Ethylene Glycol Butyl Ether		E	G
Ethylene Glycol p-sec-Butylphenyl Ether		E	G
Ethylene Glycol p-tert-Butylphenyl Ether		E	E
Ethylene Glycol Ethyl Ether		E	E
Ethylene Glycol Methyl Ether		E	E
Ethylene Glycol Phenyl Ether		E	E
Ethylene Oxide		p	p

Ethylene Trichloride		n	n
Eugenol		n	n
Ferric Ammonium Sulfate Crystals		E	E
Saturated		E	E
Ferric Chloride		e	e
	40	G	G
Saturated		E	G
Ferric Nitrate		G	G
Ferric Sulfate		E	E
Saturated		E	E
Ferrous Ammonium Citrate		G	G
Ferrous Chloride		G	G
Saturated		G	G
Ferrous Sulfate		G	G
	15	g	g
	40	g	g
Saturated		E	G
Fluoboric		g	g
Fluorine		F	N
Fluosilicic Acid		g	g
	20	g	g
Formaldehyde	10	e	g
Fornaldehyde	30	E	F
Formaldehyde	37	g	f
Formaldehyde	40	G	f
Formic Acid	3	G	G
	10	G	G
	25	G	G
	50	G	G
	90	G	G
	98-100	G	G
Furaldehyde-2		G	G
Furfuryl Alcohol		N	N
Gallic Acid (Powder)		E	E
Saturated		E	F
Gasoline, Aviation		n	n
Ethyl		N	N
Regular		N	N
White		N	N
Glycerine		E	E
Glycerol Triacetate		f	p
Glucose		E	E

Grape Juice		e	e
Grapefruit Juice		e	e
Concentrated		e	e
Heptane-n (n-heptane)		P	N
Heptyl-2 Alcohol		G	F
Hexachlorobenzene		E	E
Hexane		N	N
Hexyl-n Alcohol (n-hexyl alcohol)		E	G
Hexyl-2 Alcohol		e	g
Hydrobromic acid		G	G
	40	E	E
	50	e	e
Hydrochloric Acid	1-5	E	E
Hydrofluoric acid	10	E	E
	20	E	E
	30	E	E
Concentrated	35	E	E
Hydrochlorous Acid		e	e
Hydrocyanic Acid		G	G
Hydrofluoric Acid	4	G	G
	40	G	G
	48	E	E
Hydrogen		e	e
Hydrogen peroxide	1	e	e
Hydrogen peroxide	3	E	E
	8	e	e
	12	G	G
	30	G	G
	90	G	G
Hydroxylamine Hydrochloride (Concentrated)		e	e
Hydroquinone (Powder)		E	E
Saturated		G	G
Hypochlorous Acid		E	E
Isobutyl Alcohol		E	E
Iodine Crystals		f	f
Iso-octane		f	f
Isoleucine-dl (dl-isoleucine)		E	E
Isopropyl Alcohol		E	E
Isopropyl Acetate		F	P
Isopropyl Benzene		n	n
Isopropylphenol-o (o-isopropylphenol)		n	n
Isopropylphenol-p (p-isopropylphenol)		n	n

Kerosene		N	N
Lactic acid	3	g	f
Lactic acid	10	G	F
	85	G	G
Lanolin		E	G
Lard		E	G
Lauryl Alcohol		G	F
Lauryl Sulfate		g	f
Saturated		g	f
Lead Acetate Crystals		E	E
Saturated		E	E
Lead Arsenate		g	g
Lead Nitrate		E	E
Lemon Juice		e	e
Lemon Oil		n	n
Leucine-dl (Powder)(dl-leucine)		E	E
Lime Juice (Concentrated)		e	e
Linseed Oil Refined		e	g
Raw		E	G
Boiled		e	g
Lithium Bromide (Saturated)		e	e
Lysine-Monohydrochloride-dl (Powder) (dl-lysine-monohydrochloride)		E	E
Lysine-Dihydrochloride (Powder) (dl-lysine-dihydrochloride)		E	G
Magnesium Bromide		E	E
Magnesium Carbonate		E	E
Saturated		E	E
Magnesium Chloride		G	G
Magnesium Chloride Sulfate		E	E
Magnesium Hydroxide		G	G
Magnesium Iodide (Saturated)		E	G
Magnesium Nitrate		G	G
Magnesium Sulfate		G	G
	10	g	g
	20	g	g
Saturated		g	g
Maleic Acid		g	g
	10	E	G
	25	G	G
Margarine		E	E
Mercapto Acetic Acid	95	g	g
Mercuric Chloride		G	G
	5	E	G

Saturated		E	G
Mercuric Cyanide		G	G
Mercurous Chloride		g	g
Mercurous Nitrate		G	G
Mesityl Oxide		p	p
Methionine-dl (Powder) (dl-methionine)		E	E
Methoxyethyl Oleate		g	g
Methyl Acetate	82	g	g
Methyl Alcohol		E	E
Methyl Amyl Alcohol		e	e
Methyl Bromide Liquid under 20 psi pressure		n	n
Methyl Bromoacetate		F	P
Methyl Chloride Liquid under 65 psi pressure		n	n
Methylcyclohexane		P	N
Methylethylketone		G	F
Methyl Eugenol		n	n
Methyl Isobutyl Ketone		F	P
Methyl Propyl Ketone		F	P
Methyl Salicylate		F	N
Methylene Bromide		n	n
Methylene Chloride		n	n
Methylene Chlorobromide		N	N
Methylene Iodide		n	n
Milk Regular		G	G
Dried		E	E
Wet Paste (Instant)		e	e
Mineral Oil USP		F	N
Mannitol Alcohol		e	g
Mono-Di-Tri-PropylenenGlycol-Methyl Ethers		E	E
Monoethylaniline		g	f
Morpholine		F	P
Mustard (Prepared)		e	e
Naptha (VMP)		n	n
Naphthalene Crystals		G	P
Vapors		F	P
Natural Gas (Wet)		E	g
Nickel Chloride		G	G
Nickel Nitrate		G	G
Nickel Sulfate		G	G
Nitric Acid	1	E	E
	5	G	G
	10	G	G

	20	E	G
	25	G	G
	30	G	G
	50	G	F
	65	g	p
Concentrated	70	G	N
Nitrobenzene		n	n
Nitroglycerine		g	n
Nitosyl Chloride		N	N
Nitrous Acid		N	N
Nonyl-n Alcohol (n-nonvl alcohol)		E	F
Nutmef Oil		n	n
Octane-n (n-octane)		e	e
Octyl-nAlcohol (n-octyl alcohol)		E	G
Octyl Cresol		F	N
Oleic acid		E	E
Olive oil		E	E
Orange Juice		e	e
Concentrated		e	e
Orange Oil		N	N
Orange Peelings (Fresh)		e	e
Oxalic Acid (Powder)		E	E
Saturated		E	E
Ozone		G	F
Palmitic Acid (Powder)		E	G
Palm Oil		E	G
Parachlordine		f	f
Paraffin oil		G	P
Paraldehyde		g	g
Peanut Butter		e	e
Pentachlorophenol		e	g
DOWICIDE* G Soduim Sal	5	g	g
	10	g	g
Powder		e	e
Pepper (Fresh Ground)		g	g
Peppermint Oil		P	N
Perchloric		E	E
Perchloroethylene		n	n
Petroleum Jelly		e	e
Phenol Crystals		f	n
	5	E	G
Phenolsulfonic Acid		e	e

Phenoxyacetic Acid		E	E
Phenyl Ethyl Alcohol		E	G
Phenyl Glycine Potassium Salt		E	G
Phenyl Hydrazine		g	f
Phenylphenol-o (o-phenylphenol)		E	G
Phenylphenol-p (p-phenylphenol)		e	e
Phenylphenol-o Sodium Salt (o-phenylphenol sodium salt)		E	E
Phosphoric acid	1-5	E	E
	10	E	E
	25	G	G
	30	E	E
	50	E	E
	85	E	E
Phosphoric Anhydride		G	G
Phthalic Anhydride		G	G
Phosphorus oxychloride		N	N
Phosphorus Pentachloride		n	n
Phosphorus Trichloride		G	n
Picric Acid		E	G
Pine Oil		F	N
Pine Needle Oil		N	N
Polyethylene Glycol Monolaurate		e	e
Polyglycol E-300 to E-4000		e	e
Potassium Aluminum Chloride	50	g	g
Potassium Aluminum Sulfate (Saturated)		g	g
Potassium Bicarbonate		G	G
Potassium Bisulfate		E	E
Saturated		E	E
Potassium Borate		G	G
Potassium Bromate (Powder)		E	G
Saturated Solution		e	g
Potassium Bromide		E	E
	3	E	E
Saturated		e	e
Potassium Carbonate		G	G
Potassium Chlorate		G	G
Potassium chloride		G	G
Potassium Chloride Sulfate		E	E
Potassium Cyanide		G	G
Potassium Dichromate (Saturated)		G	G
Potassium Ferricyanide		e	e
	25	e	e

Saturated		E	E
Potassium Hydroxide		e	e
	1	E	E
	10	E	E
	30	E	G
	50	E	G
Concentrated		E	G
Potassium Iodide		E	E
Saturated		e	e
Potassium Manganate		e	e
Potassium Nitrate		G	G
Potassium Permanganate		G	G
Saturated		g	g
Potassium Persulfate		e	e
Potassium Sulfate		E	E
Saturated		E	E
Potassium Sulfide		e	e
Saturated		E	E
Propane Gas		n	n
Propargyl Alcohol		G	g
Propyl-n- Alcohol		E	E
Propyl Dichloride		P	N
Propylene Dibromide		n	n
Propylene Dichloride		n	n
Propylene glycol		E	E
Propylene Glycol Methyl Ether		E	G
Propylene Oxide		G	F
Quinine Sulfate		g	g
Resorcinol (Powder)		E	E
Saturated		E	E
	5	e	e
Salicyladehyde		g	g
Salicylic Acid (Power)		E	E
Saturated		e	e
Salicylic Ointment		g	g
Sassafrass Oil		G	F
Serine-dl (dl-serine)		E	E
Sesame Oil		g	g
Silver Acetate		e	e
Silver Nitrate		E	E
Saturated		E	G
SKELLY* solvent, boiling range 60-70%		n	n



Sodium Acetate (Powder)		E	E
Saturated		E	G
Sodium Aluminum Sulfate		E	E
Saturated		E	E
Sodium Benzoate (Powder)		E	E
Saturated		E	G
Sodium Bicarbonate		E	E
Saturated		E	E
Sodium Bisulfate		E	E
Saturated		E	E
Sodium Bisulfite		E	E
	4	e	e
Saturated		E	E
Sodium Borate		E	E
Saturated		e	g
Sodium Bromate		E	G
	10	E	E
Sodium Bromate-Sodium Bromide Mixture		e	e
Sodium Bromide		E	E
Saturated		E	E
Sodium Carbonate		E	E
	2	e	e
	7	E	E
	20	E	E
Saturated		E	E
Sodium Chlorate		G	G
Sodium Chloride		G	G
	3	g	g
Saturated		G	F
Sodium Chloride Sulfate		E	E
Sodium Chloroacetate (Powder)		E	E
Saturated		e	e
Sodium Dichromate		e	e
Saturated		g	g
Sodium Ferricyanide		G	G
Sodium Fluoride		E	E
Saturated		E	E
Sodium Hydroxide		e	e
	1	E	E
	10	E	E
	25	e	e
	30	E	E

	25	e	e
	50	E	E
Saturated		e	e
Sodium Hypochlorite	5	E	G
	15	G	F
Sodium Nitrate		E	E
Saturated		E	E
Sodium Nitrite		G	G
Sodium Perborate		E	E
Saturated		E	E
Sodium Phosphate		E	E
Saturated		E	E
Sodium Salicylate (Powder)		e	e
Sodium Silicate		G	G
Sodium Sulfate		E	E
Saturated		E	E
Sodium Sulfide		e	e
	25	G	G
Sodium Sulfite		E	E
Saturated		E	E
Sodium Tetraborate (Borax) (Powder)		e	e
Saturated Solution		e	e
Sodium Thiosulfate		E	E
Saturated		E	E
Sorbitol		e	e
Soybean Oil		E	E
Spearmint Oil		p	n
Sperm Oil		e	e
Spermacet		e	e
Spruce Oil		P	N
Stannic Chloride		G	G
Stannous Chloride		G	G
Stearic Acid (Crystals)		E	G
Strontium Bromide		E	E
Strontium Salicylate (Powder)		e	e
Saturated		e	e
Sucrose		G	G
Sulfur Chloride		n	n
Sulfur Dioxide Dry		E	E
Moist		e	e
Liquid (Under 46 psi pressure)		n	n
Sulfuric Acid	1-6	E	E

	10	E	E
	16	e	e
	20	E	E
	30	E	E
	40	G	g
Sulfuric Acid	50	E	E
Sulfuric Acid	60	G	g
Sulfuric Acid	70	G	F
	80	g	f
	90	g	f
	98	E	G
Sulfur Ointment		e	e
Sulfurous Acid	5	e	e
	6	e	e
	10	G	g
Concentrated		E	E
Sulfur Trioxide		g	g
Sulfuryl Chloride		N	N
Tannic Acid (Powder)		e	e
	1	E	E
	20	e	e
Saturated		E	E
Tartaric (Powder) Acid		E	E
Saturated		E	E
Tea, Brewed		e	e
Moist Leaves		e	e
Instant		e	e
Tea (Instant Paste)		e	e
Tetrachloroethane		N	N
Tetrachlorophenol-2,3,4,6		G	F
Tetrahydrofum		P	N
Tetralin		N	N
Thioglycolic Acid		E	E
Thionyl Chloride		n	n
Titanium Tetrachloride		n	n
Toluene		P	N
Tomato Juice		e	e
Tribromoethylbenzene		n	n
Trichloroacetic (Crystals)		G	P
Trichlorobenzene-1,2,4		N	N
Trichloroethane		N	N
Trichloroethylene		N	N

Trichlorophenol-2,4,5		G	P
Trichlorophenol, Sodium Salt-2,4,5		E	G
Trichlorophenol, Sodium Salt-2,4,5	5	G	G
Tricresyl Phosphate		e	e
Triethanolamine		E	E
	5-50	e	e
Triethylene Glycol		E	E
Triethylenetetramine		g	g
Tripopylene Glycol		e	e
Tripropylene Glycol Methyl Ether		E	G
Trisodium Phosphate (Powder)		E	E
Saturated		E	G
Tryptophan-dl (Powder) (dl-tryptophen)		E	E
Turkey Red Oil		g	g
Turpentine		N	N
Tyrosine-dl (Powder)		E	E
Undecyl Alcohol		E	P
Urea		G	G
Valine-dl (Powder) (dl-valine)		E	E
Vanilla Extract		E	E
Vaseline Petroleum Jelly		e	e
Vinegar		E	E
Vinyl Chloride		n	n
Vinylidene Chloride		n	n
Walnut Oil		g	g
Water		E	E
Distilled		E	E
Whiskey		e	e
Xylene-o (o-xylene)		N	N
Yeast		G	g
Zephrian Chloride (Benzalkonium Chloride)		g	g
Zinc Bromide		E	E
Zinc Carbonate		E	E
Saturated		E	E
Zinc Chloride (Powder)		E	E
Solution	50	e	e
Saturated		E	E
Zinc Hydrosulfite	10	e	e
Zinc Oxide		E	E
Saturated		E	E
Zinc Oxide Ointment		e	e
Zinc Sulfate		E	E

Saturated		E	E
Zinc Stearate		E	E



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p	p	p	p
p	p	F	P
P	P	p	p
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e	e	e	e



# Explanation of Ratings

Rating
E (e) = Excellent
G (g) = Good
F (f) = Fair
P (p) = Poor
N (n) = Not recommended

Upper case denotes results of actual tests

Lower case denotes the expected results with

# Results

Description
The plastic was unaffected in any way for the duration of the test
Expected life = unaffected by the chemical / years
A very slight clouding or discoloration took place
Expected life = months to years
Moderate effect. Slight etching, some discoloration and / or weight change
Expected Life weeks to months
Considerable Change
Expected life = days
Severe attack. Plastic became soft in a few hours and was unusable soon after
Expected life = hours to days

out actually testing