

Chemical Resistance of HDPE Pipe Resin

Chemical Name	Concentration	73°F	120°F	140°F	Chemical Name	Concentration	73°F	120°F	140°F
Acetaldehyde & Acetic Acid 9010		R	—	—	Brake fluid		R	—	R
Acetaldehyde (aqueous) all		R to C	C	C to N	Brandy wine		R	—	—
Acetamide		R	—	R	Brine	(Saturated)	R	R	R
Acetic acid 100% Iglacial)		R	C to N	C to N	Bromic acid		N	N	—
Acetic acid 50%, P0%, 70%, 80%		R	C	R to C	Bromine (gas)		N	N	N
Acetic acid 10%. 20%		R	—	R	Bromine (aqueous)		C	N	N
Acetic acid capor		R	R	—	Bromine (liquid)		N	N	N
Acetic anhydride litO%		R	—	C	Bromochloromethane		N	—	—
Acetoacetic acid		R	—	—	Butanediol (aqueous)	all	R	R	R
Acetone, tOO%		R to C	C	C	Butadiene		R	C	—
Acetophenone		R	—	—	Butane tetrol (erythritol)		N	N	—
Acetylene		R	—	—	Butane gas		R	R	R
Actds aromatic		R	—	R	Butanetriol (aqueous)	all	R	—	R
Acronalx dispersons . usual commercial		R	—	C	Butaxyl® (methoxybutyl acetate)		R	—	C
Acrylic acid emulsions		R	—	R	Butter		R	—	R
Acrylonitrile technically pure		R	—	R	Butyl acetate		R to C	C	C to N
Adiptic acid, saturated solution		R	—	R	n-butyl acetate		R	—	—
Adiptic acid ester		R	—	C	Butyl acrylate		R	—	C
Aktivin (chloramine) (aqueous) 1%		R	—	R	Butyl benzyl phthalate		R	—	R
Alcohol, ally		R	C	R	Butylene glycol		R	—	R
Alcohol. Amyl	technically pure	R	C	R to C	Butylene		R	R	—
Alcohol. benzl		R to C	C	R	Butyl phenol		R to C	C	R
Alcohol. (in-butanol)		R	R	R	Butyric acid (aqueous)	all	R	C	C
Alcohol. (2-butanol)		R	R	—					
Alcohol. ethyl		R	C	R to C	Calcium carbide		N	R	—
Alcohol. hexyl		R	R	R	Calcium salts (aqueous)		R	R	R to C
Alcohol, isopropvl (2-propanol)		R	R to C	R to N	Caniphor oil		N	—	N
Alcohol, methyl		R	R	R to C	Camphor (crystals)		R	C	C
Alcohol. propvl (l-propanol)		R	R	R	Calcium hydroxide		R	R	R
Allsil acetate		R	—	R to C	Cane sugar liquors		R	R	R
Alums (aqueous)	all	R	R	R	Carbozole		R	—	R
Aluminum salts (chloride, fluoride, hydroxide. metaphosphate. sulphate)		R	R	R	Carbolic acid		R	—	R
Amino acids		R	—	R	Carbolineum for fruit trees (aqueous)		N	—	C
Ammonia, gas		R	R	R	Carbon bisulfide		C to N	N	N
Ammonia, liquid		R	—	R	Carbon dioxide (wet or dry)		R	R	R
Ammonia (aqueous)		R	R	R	Carbonic acid (aqueous)	all	R	R	R
Ammonium salts		R	R	R	Carbon monoxide		R	R	R
(acetate, carbonate chloride, fluoride 10%-25%. hydrosulphide, hydroxide. metaphosphate nitrate, phosphate sulphate. sulphide. thiocyanate)		R	R	R	Carbon tetrachloride		C to N	N	N
Amyl acetate	technically pure	R to C	C to N	C	Carnauba Wax		R	—	N
Amvl chloride	100%	C	—	N	Casein		R	C	—
Amyl phthalate		R	—	C	Castor oil		R	C	R to C
Aniline (aqueous)	all	R	C to N	C to N	Caustic potash (dry & solution)		R	R	R
Aniline chlorohydrate		C	—	—	Caustic soda (dry & solution)		R	R	R
Aniline hydrochloride (aqueous)	all	R to C	—	R	Cellosolve		C	C	—
Aniline dyes		C	—	—	Cetyl alcohol (hexadecanol)		R	—	R
Animal oils		R	—	R to C	Cellosolve acetate		C	C	—
Aniseed oil		C	—	N	Chloral hydrate (aqueous)	all	R	R	RD
Anisole		C	—	C to N	Chloramine		R	—	—
Antifreeze		R	—	R	Chloroacetic acid		R to C	R to N	R to N
Anthraquinone		C	—	—	Chloric acid	20%	R	N	—
Anthraquinone sulfonic acid		R	—	R	Chlorine, gaseous. dry		C to N	N	N
Antimony chloride, pentachloride		R	—	R	Chlorine, gaseous, moist		C to N	N	N
Antimony trichloride		R	R	R	Chlorine, liquid		N	N	N
Aqua Regia		N	N	N	Chlorine, water		R to C	C	C to N
Arsenic acid (anhydride)		R	—	R	Chlorobenzene		C to N	C to N	N
Arsenic acid (aqueous)		R	R	R	Chlorocarbonic acid		R	—	C
Aryl sullonic acid		R	—	—	Chlorobenzvl chloride		C	C	C
Ascorbic acid		R	—	R	Chloroethanol	pure	R	—	RD
Asphalt		R	—	C	Chloroform	pure	C to N	C to N	N
Aspirin		R	—	R	Chloromethane	100%	C	—	N
					Chloropicrin		R to C	—	N
Barium salts		R	R	R	Chlorosulphonic acid	100%	C to N	C to N	N
Barium hydroxide (aqueous)	all	R	R	R	Chrome alum		R	R	R
Battery acid		R	—	R	Chrome anode mud		R	—	R
Beater glue		R	—	R	Chrome salts (aqueous)	all	R	—	R
Beer		R	R	R	Chromic acid	10%	R	R to C	C to N
Beet sugar liquor		R	—	—	Chromic acid	30%	R	R to C	C to N
Beeswax		R	C	C to N	Chromic acid	40%	R	R to C	C to N
Benzaldehyde (aqueous)	10%	R	—	C	Chromic acid	50%	R	R to C	C to N
Benzaldehyde in isopropyl alcohol	1%	R	—	R	Chromic acid	80%	R	R to C	N
Benzene	pure	C	C to N	C to N	Chromium trioxide (aqueous*)	up to 50%	R	—	—
Benzene Suttonic Acid	all	R to C	—	R to C	Chromosulphuric acid		R	C	N
Benzoic Acid (aqueous)	all	R	R	R	Cider		R	—	R
Benzoyl chloride		C	—	N	Citric acid (aqueous)	saturated	R	R	R
Bichromate-sulphuric acid	concentrated	R	—	N	Clophen® A50 & A60		R	—	C to N
Bismuth salts		R	—	R	Coal-tar oil		RD	—	CD
Bisulphite solution		R	—	R	Coconut oil		R	R to C	R to C
Bitumen		R	—	C	Cod liver oil		R	—	R to C
Black liquor-paper		R	R	—	Coke oven gas (benzene free)		R	R	R
Bleach liquor (12.5% active chlorine)		R	N	N	Coffee extract		R	—	R
Bleach liquor (5.5% active chlorine)		R	R	R	Cognac		R	—	—
Bone oil		R	—	R	Cola concentrate		R	—	R
Borax		R	R	R	Copper salts (aqueous)		R	R	R
Boric acid (aqueous)	all	R	R	R	Copper chloride (aqueous)		R	R	R
Boric acid methylester		R	—	C to N	Copper cyanide		R	—	R
Boron trifluoride		R	C	C	Copper fluoride (aqueous)		R	R	R
					Copper nitrate (aqueous)		R	R	R
					Copper sulphate (aqueous)	all	R	—	R
					Corn oil		R	R to C	C
					Corn syrup		R	R	R
					Cranberry sauce		R	—	R
					Coumarone resins		R	—	R
					Creosote		R	R	RD

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Cottonseed oil		R	C	R	Fluorosilicic acid	30%-40%	R	R	R
Cresol	100%	R to C	R to N	CD	Formaldehyde	to 40	R	R	R
Cresol (aqueous)	diluted	R	—	RD	Formamide		R	—	R
Crotonaldehyde	pure	R to N	N	C	Formic acid (aqueous)	10%-50%	R	R to N	R
Ceesylic acid	50%	C	—	—	Formic acid (aqueous)	85%-100%	R	—	R
Cycatanone	usual commercial concentration	R	—	R	Freon —F11, 12, 113, 114		R to C	—	C to N
					Freon —21, F22		C	C	—
Crude (oil)		C	C	—	Fruit juices & pulp & fructose	all	R	R	R
Cyclohexane		R	C	R to N	Fuel oil		R	C	C
Cyclohexanol		R to C	C to N	R	Furfural		C	C to N	C to N
Cyclohexanone		R to C	R to C	C to N	Furfuryl alcohol		R	—	R to C
Decalin	pure	R	—	R	Gallic acid		R	—	—
Detergents		R	R	R	Gas, coal manufactured		R	R	R
Developer solutions (photographic)		RD	R	RD	Gas, natural, methane		R	R	—
Dextrin		R	R	R	Gasoline		R to C	C to N	C to N
Dextrose		R	R	R	Gelatin		R	R	R
Diazo salts		R	C	R	Genantin®		R	—	R
I, 2d-dibromoethane		C	—	N	Glucose		R	R	R
Dibutyl ether		R to C	C	N	Glue		R	R	R
Dibutyl phthalate	pure	R	C	C	Glycerine (glycerol) (aqueous)	to 100%	R	R	R
Dibutyl sebacate		R	C	C	Glycerol chlorohydrin		R	—	R
Dichloroacetic acid	pure	R	R	CD	Glycine		R	—	R
Dichloroacetic acid	50%	R	—	R	Glycol		R	R	R
Dichloroacetic acid methyl ester		R	—	R	Glycolic acid (aqueous)	up to 70%	R	R	R
Dichlorobenzene		C	C to N	N	Glycolic acid butyl ester		R	—	R
Dichloromethane		C	—	C	Glysanitin		R	—	R
DDT (powder)		R	—	R	Grisirion 8302		C	—	C
Dichloroethylene		C to N	C to N	N	Grisirion 8702		R	—	R
Dichloropropane		C	—	N					
Dichloropropene		C	—	N	Halothane		C	—	C to N
Diesel fuel		R	C	C	Heptane		R	C	C to N
Diethyl amine		C	C	—	Heating oil		C	C	—
Diethylene glycol		R	R	R	Hexane		R	C	C
Diethyl ether		R to C	C	C to N	Hexanetriol		R	—	R
Di (2-ethylhexyl) phthalate (DOP)		R	—	C	Hexanol		R	R	R
Diethyl ketone		R	—	C	Honey		R	—	R
Diglycolic acid (aqueous)	30%	R	R	R	Hydraulic fluid		R	—	C
Diisobutyl ketone	pure	R	R	C to N	Hydrazine hydrate		R	—	R
Diisopropyl ether		R to C	—	N	Hydrobromic acid (aqueous)	up to 50%	R	R	R
Dimethylamine		R to C	C	C	Hydrobromic acid (aqueous)	100%	R	—	R
Dimethyl formamide	pure	R	R	R to C	Hydrochloric acid	up to 100%	R	R	R
Dimethyl sulphoxide		R	—	R	Hydrogen chloride gas wet & dry		R	—	R
Diocetyl phthalate		R to C	C	C to N	Hydrocyanic acid	10%	R	R	R
Dioxane 1,4		R	R	R	Hydrofluoric acid	40%	R	R	C
Diphenylamine		R	—	C	Hydrofluosilicic acid (aqueous)	alt	R	—	R
Diphenyl oxide		R	—	C	Hydrogen	100%	R	R	R
Disodium phosphate		R	R	R	Hydrogen peroxide (aqueous)	10%	R	—	R
Disodium sulphate		R	—	R	Hydrogen peroxide (aqueous)	30%	R	R	R
Dodecylbenzenesulphonic acid		R	—	C	Hydrogen peroxide (aqueous)	50%	R	—	R
Drinking water		R	—	R	Hydrogen peroxide (aqueous)	90%	R	N	N
Dyes		RD	—	RD	Hydrogen phosphide		R	—	R
					Hydrogen sulphide	dry	R	R	R
Electrolyte baths		R to C	—	C	Hydroquinone		RD	R	RD
Emulsifiers		R	—	R	Hydrosulphite	up to 10%	R	—	R
Emulsions (photographic)		R	—	R	Hydroxylamine sulphate (aqueous)	12%	R	R	R
Emulsions (acrylic)		R	—	R	Hypochlorous acid		R	R	R to C
Ephetin (aqueous)	10%	R	—	R					
Epichlorohydrin		—	—	—	Ink			—	—
Epsom salts	all	—	—	—	Iodine - in KI	3% (aqueous)	R	R	R
Esters. aliphatic	pure	R	R	R to C	Iodine alcohol solution		C	C to N	N
Ethane		—	—	—	Iodine (aqueous)	10%	C	C	—
Ether		R to C	C	C	Iron III chloride (aqueous)	all	R	—	R
Ethyl acetate	pure	R	C	C to N	Isobutyl alcohol		R	—	R
Ethylbenzene	pure	C	—	—	Isocetane		R to C	C	C
Ethyl chloride	pure	C	—	N	Isopropanol	pure	R	C	R to N
Ethyl ether		R to C	—	C to N	Isopropyl acetate	100%	R	—	C
Ethylene		R	—	C	Isopropyl ether	pure	R to C	C	N
Ethyl esters		R	C	—					
Ethyl halides		R	C	—					
Ethylene diamine	pure	R	—	R	Jam, jellies		R	—	R
Ethylene diamine-tetraacetic acid		—	—	—	Jet fuels, JP-4 & JP-5		R	C	—
Ethylene dichloride		C to N	N	N					
Ethylene chloride		C	—	C	Kerosene		C	C to N	C to N
Ethyl dibromide		C	—	N	Ketones		R to C	R	C to N
Ethylene glycol		R	R	R	Kraft paper liquor		R	C	—
Ethylene oxide (gas)		R to C	C	R					
2-Ethylhexanol		R	—	C	Labarraque's solution		R to C	—	—
Eurone®R		C	—	C	Lactic acid	10%-96%	R	R	R
Euron®G		R	—	R	Lactose		R	—	R
					Lacquer thinners		C	C	—
Fatty acids amides		R	—	C	Lanolin (wool fat)		R	—	R
Fatty acids		R	R	R to C	Lard oil		R	R	—
Fatty alcohols		R	—	C	Latex		R	—	R
Ferric chloride (aqueous)	all	R	R	R	Lauric acid		R	—	—
Ferric & ferrous salts (aqueous)		R	R	R	Lauryl chloride		R	R	—
Fertilizer salts (aqueous)	alt	R	—	R	Laurvl sulfate		R	R	—
Film solutions		R	R	R	Lead acetate (aqueous)	all	R	R	R
Fir wood oil		R	—	C	Lead salts		R	R	—
Fish solubles		R	—	R	Lead tetraethyl		R	R	—
Fluoboric acid		R	R	R to C	Lime		R	—	R
Fluorine, dry gas		C to N	N	N	Lime sulfur		R	R	—
Fluorine, wet gas		N	N	N	Lime water		R	—	R

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Linseed oil		R to C	C	R to N	Nitric acid	100%	N	N	N
Liquor		R	R	R	Nitric acid fuming		N	N	N
Liqueur		R to C	R	N	Nitrobenzene		R to C	C	N
Liquid manure		R	—	R	Nitrocellulose		R	—	—
Liquid paraffin		R	—	R	Nitrotoluene		R	C	N
Liquid soaps		R	—	R	Nitrous acid		R	N	—
Lithium bromide		R	—	R	Nitrous oxide, gas		R	N	—
Lubricating oils		R to C	C	C	Nitroglycerine		R	C	—
Lithium salts		R	R	—	Nitroglycol		—	—	—
Linoleic acid		R	R	—	Nitropropane		—	—	—
Lysol		R	—	C	Nonyl alcohol		R	—	R
Machine Oil		R	R	C	Octyl cresol		C	N	—
Magnesium salts		R	R	R	Oils and Fats		R	R to C	C to N
Magnesium carbonate		R	R	R	Oils vegetable		R to C	C	C
Magnesium chloride		R	R	R	Oleic acid		R to C	C	C
Magnesium fluosilicate		R	—	R	Oleum		N	N	N
Magnesium hydroxide		R	—	R	Olive oil		R	R	R
Magnesium iodide		R	—	R	Optical brightners		R	—	R
Magnesium sulphate		R	R	R	Orange juice		R	—	R
Magnesium hydroxide		R	R	R	Orthophosphoric acid	50%	R	R	R
Magnesium nitrate		R	R	R	Orthophosphoric acid	85%	R	R	C
Mateic acid	50%-100%	R	R	R	Oxalic acid		R	R	R
Malic acid	50%	R	R	R	Oxygen, gas		R	R	R
Manganese sulphate		R to C	R to C	R	Ozone, gas		C	C	N
Margarine		R	—	R	Palmitic acid	10%	R	R	R to C
Mash		R	—	R	Palmitic acid	70%	R	R	—
Mayonnaise		R	—	—	Palmityl alcohol		P	—	R
Menthol		R	R	C	Paraffin		R to C	C	C
Mercuric chloride		R	R	R	Palm kernel oil		R	—	R
Mercuric cyanide		R	R	R	Paraformaldehyde		R	—	—
Mercurous nitrate		R	R	R	Pentane		C	C	C
Mercuric salts		R	R	R	Pentanol		R	—	R
Mercury		R	R	R	Peppermint oil		R	—	—
Metallic soaps		R	R	R	Peracetic acid		R	—	—
Metallic mordants		R	—	—	Perchloric acid (aqueous)	up to 20%	R	R	R
Methacrylate		R	—	R	Perchloric acid (aqueous)	29%-50%	R	R	C
Methacrylic acid		R	—	R	Perchloric acid (aqueous)	70%	R	R	C
Methane		R	R	—	Perchloroethylene		R	R to C	N
Methanol	pure	R	R	R	Perchloroethylene		C	C	N
Methyl acetate		C	C	—	Perfume oils		C	—	C to N
Methyl bromide		C	C to N	N	Petroleum (sour, refined)		R	C	C
Methyl cellosolve		C	C	—	Petroleum ether		R	—	C
Methyl chloride		C	C to N	N	Phenol		R	C	RD
Methyl chloroform		C	C	—	Phenolic resin molding materials		R	—	R
Methyl benzene		C	—	N	Phenylcarbinol		—	—	—
Methoxy butanol		R	—	C	Phenyethylalcohol		R	—	R
Methoxybutyl acetate (Butoxyl)		R	—	C	Phenylhydrazine		C	C	C to N
Methyl cyclohexane		C	C	N	Phenylhydrazine hydrochloride		R to C	C	N
Methyl cyclohexanone		R	C	—	Phenylsulphonate		R	—	R
Methyl methacrylate		R	C	R	Phosgene gas		C to N	C	—
Methyl salicylate		R	—	C	Phosgene liquid		N	N	—
Methyl sulfate	50%	R	—	R	Phosphorus oxychloride		R	R	C
Methyl sulfuric acid		R	—	R	Phosphorus pentoxide		R	R	R
Methyl ethyl ketone		R to N	R	N	Phosphorus trichloride		R	R	C
Methyl glycol		R	—	R	Phosphoric acid	50%	R	R	R
Methyl isobutyl ketone		R	—	C to N	Phosphoric acid	80%-100%	R	—	CD
4-Methyl-2-pentanone		R	—	R to C D	Phosphorus, yellow		—	—	—
Methyl propyl ketone		R	—	C	Phosphorus, red		—	—	—
n-methyl pyrrolidone		R	—	R	Phosphates (aqueous)	all	R	R	R
Methylene bromide		C	C	—	Photographic developers		RD	—	RD
Methylene chloride*		C	C	C to N	Phthalic acid (aqueous)	50%	R	R	R
Methylene iodide		C	C	—	Phthalic acid ester		R	—	R to C
Milk		R	R	R	Picric acid (aqueous)		R	R to C	C
Mineral oil		R to C	C	C to N	Pineapple juice		R	—	R
Molasses		R	R	R	Pine-needle oil		R	—	C
Mixed acids (sulfuric & nitric)		N	N	—	Plating solution, metals (many types)		R	C	R
Mixed acids (sulfuric & phosphoric)		R	C	—	Plasticizers		R	—	C
Monochloroacetic acid		R	—	R	Polyester plasticizers		R	—	R to C
Monochloroacetic acid ethyl ester		R	—	R	Polyester resins		C	—	N
Monochloroacetic acid methyl ester		R	—	R	Polyglycols		R	—	R
Monochlorobenzene		C to N	C to N	N	Potash		R	R	R
Monethanolamine		—	—	—	Potash aluminum (aqueous)		P	—	R
Morpholine		R	—	R	Potassium alkyl xanthates		—	—	—
Motor oil		R	R	R to C	Potassium bicarbonate (aqueous)	all	R	—	R
Mowilith® polymer emulsions		R	—	R	Potassium bichromate	40%	R	—	R
Mustard		R	—	R	Potassium bisulphate (aqueous)	all	P	—	R
					Potassium borate (aqueous)	1%	R	R	R
Nail varnish remover		R	—	C	Potassium bromate (aqueous)	up to 10%	R	R	R
Naptha		R to C	C to N	C to N	Potassium bromide (aqueous)	all	R	R	R
Napthalene		R	C	C	Potassium carbonate (aqueous)	all	R	R	R
Nickel chloride		R	R	R	Potassium chlorate (aqueous)	all	R	R	R
Nickel nitrate		R	R	R	Potassium chloride (aqueous)	all	R	R	R
Nickel salts		R	R	R	Potassium chromate (aqueous)	40%	R	R	R
Nickel sulphate (aqueous)	all	R	—	R	Potassium cyanide (aqueous)	alt	R	R	R
Nicotine		R	—	R	Potassium dichromate (aqueous)	all	R	R	R
Nicotine acid	diluted solution	R	—	R	Potassium ferricyanide (aqueous)	all	R	R	R
Nitric acid	0-30%	R	R to C	R	Potassium ferrocyanide (aqueous)	all	R	R	R
Nitric acid	30-50%	R to C	C	N	Potassium fluoride (aqueous)	all	R	R	R
Nitric acid	60%	C	N	N	Potassium hydroxide (aqueous)	alt	R	R	R
Nitric acid	70%	C to N	N	N	Potassium hypochlorite		R	R	C
Nitric acid	80%	N	N	N	Potassium hydrogen carbonate		R	—	R
Nitric acid	90%	N	N	N	Potassium hydrogen sulfate	saturated	R	—	R

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Potassium hydrogen sulfide		R	—	R	Stannic chlorides		R	R	R
Potassium iodide		R	—	R	Stannous chloride		R	R	R
Potassium nitrate		R	R	R	Starch (aqueous)	up to 100%	R	R	R
Potassium orthophosphate	saturated solution	R	—	R	Stearic acid		R	R	R to C
Potassium perchlorate		R	R	R	Styrene		C	—	N
Potassium perborate		R	R	R	Stoddard solvent		R	C	—
Potassium permanganate	up to 25%	R	R	R	Succinic acid	50%	R	—	R
Potassium persulphate (aqueous)	all	R	R	R	Sulfur dioxide, dry		R	R	R
Potassium salts		R	R	—	Sulfur dioxide, wet		R	R	R to C
Potassium sulphate		R	R	R	Sulfite liquor		R	R	—
Potassium sulfide		R	R	R	Sulfur		R	R	R
Potassium sulfite		R	—	R	Sulfuric acid	up to 50%	R	R	R
Potassium tetracyanocuprate		R	—	R	Sulfuric acid	50%-90%	R	R	R to C
Potassium thiosulphate		R	—	R	Sulfuric acid	70%-90%	R	C to N	C
Propane, gas		R	R	R	Sulfuric acid	90%	C to N	N	N
Propargyl alcohol (aqueous)	7%	R	—	R	Sulfuric acid fuming		N	N	N
Propionic acid (aqueous)	all	R	—	R to C	Sulfurous acid		R	R	R
Propylene dichloride	100%	C to N	—	N	Sulfuric ether		R to C	—	C
Propylene glycol		R	R	R	Sulfur trioxide		N	N	N
Propylene oxide		R	—	R	Sulfonyl chloride		N	—	—
Prussic acid		R	R	R	Syrups & sugars		R	R	R
Pseudocumene		C	—	C					
Pyridine		R	C	C	Tall oil		R	R	—
Pyrogalllic acid		—	—	—	Tallow	pure	R	R	R
Pulp mill water (Red & Black liquor)		R	R	—	Tannic acid		R	R	R
					Tanning liquors		R	R	—
Quinine		R	—	R	Tartaric acid (aqueous)		R	R	R
Quinol (hydroquinone)		R	—	R	Terrabromoethane		N	N	N
					Tetrachloroethane		C to N	C to N	N
Pason coagulating bath		R	—	R	Tetrachloroethylene		—	—	—
Rubber dispersions (latexes)		R	—	R	Tetraethyl lead		—	—	—
					Tetrahydrofuran		C to N	N	N
Sargrotatu ¹		R	—	C	Tetrahydronaphthalene		R	—	C to N
Salenic acid (aqueous)		R	—	C	Thioglycollic acid		R	—	R
Salicylic acid		R	R	R	Thionyl chloride		N	N	N
Saturated steam condensate		R	—	R	Thiophene		C	—	N
Sauerkraut		R	—	R	Thread cutting oil		—	—	—
Salicylaldehyde		R	R	—	Terpineol				
Sea water		R	R	R	Titanium tetrachloride		R	R	—
Selenic acid		R	R	R	Toluene	25%-75%	C to N	C to N	N
Sewage, residential		R	R	—	Toluene-kerosene		C	—	N
Silicic acid (aqueous)	all	R	R	R	Transformer oil		R	R to C	R to C
Silicone, oil		R	R to C	R to C	Tributyl citrate		C	C	—
Silver, acetate		R	R	R	Tributyl phosphate		R to C	N	R
Silver, cyanide		R	R	R	Trichloroacetic acid	pure	R	R	C to N
Silver, nitrate		R	R	R	Trichloroacetic acid	50%	R	C	R
Silver, salts		R	R	R	Trichloroethylene	pure	C to N	C to N	N
Soap solutions (can be stress cracking agents)		R	R	R	Trichlorobenzene		N	—	N
Sodium acetate (aqueous)	all	R	R	R	Tricresyl phosphate		R to C	C	R
Sodium aluminum sulphate		R	—	R	Triethanolamine		R	C	R to C
Sodium benzoate		R	R	R	Triethylene glycol		R	—	R
Sodium bicarbonate		R	R	R	Triethylamine		R	C	—
Sodium bisulphate		R	R	R	Triethyl borate		R	—	C to N
Sodium bisulphite (aqueous)	all	R	R	R	Trimerhyl propane		C	C	—
Sodium borate		R	R	R	Trimethylol propane (aqueous)		R	—	R
Sodium bromide		R	R	R	Tri-β-chloroethyl phosphate		R	—	C
Sodium carbonate (aqueous)	all	R	R	R	Trioctyl phosphate		R	—	C
Sodium chlorate		R	R	R	Trisodium phosphate		R	—	R
Sodium chloride (aqueous)	saturated salt	R	R	R	Turpentine		C	C to N	N
Sodium chlorite		R	R	R	Tutogen® U		R	—	R
Sodium chromate		R	—	R	Tween® 20 & 80		R	—	N
Sodium cyanide		R	R	R	Two-stroke engine oil		R	—	C
Sodium dichromate		R	—	R					
Sodium dichromate, acid		R	C	—	Urea	up to 33%	R	R	R
Sodium dodecylbezenesulphonate		R	—	R	Uric acid		R	—	R
Sodium ferricyanide		R	R	R	Urine		R	R	R
Sodium terrocyanide		R	R	R					
Sodium fluoride		R	R	R	Vaseline		R to C	R	C
Sodium hexacyanoferrate		R	—	R	Vegetable oils		R	R	R
Sodium hydrogen carbonate		R	—	R	Vinegar		R	R	R
Sodium hydrogen phosphate		R	—	R	Vinyl acetate		R	—	R
Sodium hydrogen sulfite		R	—	R					
Sodium hydroxide, solid & (aqueous)	all	R	R	R	Walnut oil		R	—	C
Sodium hypochlorite		R	R	R	Water, distilled, fresh, mine, salt, tap		R	R	R
Sodium nitrate (aqueous)	all	R	R	R	Wax alcohols		C	—	C
Sodium orthophosphate		R	—	R	Waxes		R	—	R to C
Sodium perborate (aqueous)	all	R	—	C	Whey		R	—	R
Sodium perchlorate (aqueous)	R	—	R		Whiskey		R	R	R
Sodium peroxide	10%	R	—	R	Wine		R	R	R
Sodium peroxide (aqueous)	saturated	C	—	—	Wood stains		R	—	R to C
Sodium phosphate (aqueous)	saturated	R	—	R					
Sodium salts (aqueous)	R	R	—		Xylene		C to N	C to N	N
Sodium silicate		R	—	R					
Sodium sulphate		R	R	R	Yeast		R	R	R
Sodium sulfide		R	R	R					
Sodium sulfite		R	—	R	Zinc carbonate		R	R	R
Sodium thosulphate		R	R	R	Zinc chloride		R	—	R
Soft soap		R	—	R	Zinc oxide		R	—	R
Soyabean oil		R	—	R	Zinc salts (aqueous)	all	R	R	R
Spindle oil		R to C	—	C	Zinc sulfate		R	—	R
Stain removers		R to C	—	C	Zinc sludge		R	—	R
					Zinc stearate		R	—	R