

NAM 37 GREEN: CHEMICAL COMPATIBILITY CHART

A = Recommended
 C = Suitability depends on circumstances
 X = Not recommended

Acetaldehyde	C	Bleach Liquor	A	Dekalin	A
Acetamide	A	Boiler feed water		Di-benzyl ether	X
Acetic acid 10%	A	(alkaline)	A	Di-butyl phthalate	A
Acetic acid 100%	A	Borax	A	Diesel oil	A
Acetic ether	C	Boric acid	A	Dimethyl formamide	X
Acetone	C	Brine	A	Dyphyl (Dowtherm A)	A
Acetylene	A	Butane	A	Ethane	A
Air	A	Butanone (M.E.K)	C	Ethyl acetate	C
Adipic acid	A	Butyl acetate	C	Ethyl alcohol (ethanol)	A
Alum KAI	A	Butyl alcohol (butanol)	A	Ethyl chloride	C
Aluminum acetate	A	Butyric acid	A	Ethylene chloride	X
Aluminum Chlorate	A	Calcium chloride	A	Ethylene glycol	A
Aluminum Chloride	A	Calcium hydroxide	A	Ethyl ether	A
Aluminum Fluoride	A	Calcium hydrochloride	A	Ferric chloride	A
Aluminum Sulfate	A	Caliches Liquors	A	Fluosilicic acid	A
Ammonia	A	Cane Sugar Liquors	A	Formaldehyde	A
bicarbonate	A	Calcium sulphate	A	Formamide	C
Chloride	C	Carbolic acid 100%		Formic acid 10%	A
diphosphate	A	(Phenol)	X	Formic acid 85%	C
hydroxide	A	Carbon dioxide	A	Freon 12	A
Nitrate	A	Carbon dioxide dry/wet	A	Freon 22	C
Phosphate	A	Carbon disulfide	X	Fuel oil	X
C Aniline	X	Carbon monoxide	C	Gasoline (unleaded)	X
Arcton 12	A	Carbon tetrachloride	C	Gasoline (Leaded)	X
Arcton 22	C	Castor Oil	A	Gelatin	A
Asphalt (Tar)	A	Clophen T-64	C	Glue	A
ASTM oil No.1	A	China wood oil, Tung oil	X	Glacial acetic acid	A
ASTM oil No.3	A	Chlorine (dry)	A	Glycerin	A
Aviation Fuel		Chlorine (wet)	X	Heating Oil	A
(Kerosene)	A	Chlorine water 0.5%	A	Heptanes	A
Barium Chloride	A	Chloroform	C	Hydraulic Oil (mineral)	A
Barium Hydroxide	A	Chloromethane		Hydraulic Oil	
Barium Sulfide	A	(Methyl chloride)	C	(Phosphate ester)	C
Beer	A	Chromic acid	C	Hydraulic Oil	
Beet Sugar Liquors	A	Citric acid	A	(Glycol based)	A
Benzene (Benzol)	A	Copper acetate	A	Hydrazine hydrate	A
Benzene (Petroleum Spirit)		Copper chloride	C	Hydrochloric acid 20%	C
Benzoic acid	A	Copper Sulphate	A	Hydrochloric acid 37%	X
Black Sulfate Liquor	C	Corn oil	X	Hydrofluoric acid 10%	X
Blast furnace gas	A	Cottonseed oil	X	Hydrogen	A
Hydrogen peroxide	A	Creosote	X	Tetraline	A
(up to 6% WW)	A	Cresol	C	Toluene	A
Iso-octane	A	Cyclohexanol	A	Town gas	A
Iso-propyl alcohol	A	Cyclohexanone		Transformer Oil	A
Kerosene (Petroleum)	A	(Anon)	X	Trichloroethylene	C
Lactic acid 50%	A	Potassium Carbonate	A	Triethanolamine	A
Lead acetate	A	Potassium chlorate	A	Turpentine	A
Lead arsenate	A	Potassium Chloride	A	Urea	A
Lime water	A	Potassium Chromium sulfate		Vinyl acetate	A
Linseed Oil	A		A	Water	A
Lubricating oil (Crude)	X	Potassium cyanide KCN	A	Water glass	A
(Refined)	X	Potassium dichromate	A	White spirit	A
Magnesium chloride	A	Potassium hydroxide KOH	X	Xylol	A
Magnesium hydroxide	A	Potassium hypochlorite	A	Zinc Sulfate	A
Magnesium sulphate	A	Potassium iodide KI	A		
Malic acid	A	Potassium nitrate (saltpeter)	A		
Methane	A	Potassium permanganate	A		
Methyl alcohol	A	Producer gas	A		

Methylated Spirits	A	Propane	A
Methyl chloride	C	Pydrol	A
Methylane chloride	X	Pyridine	X
Methyl ethyl ketone (M.E.K)	C	Rapeseed oil	A
Mercury	A	Salicylic acid	A
Mineral Oil		Sea water	A
ASTM No.1	A	Silicone Oil	A
Mineral Oil		Skydrol 500	X
ASTM No.3	A	Soap	A
Naphtha	A	Soda (sodium carbonate)	A
Natural gas	A	Sodium aluminate	A
Nitric acid 20% HNO	X	Sodium bicarbonate	A
Nitric acid 40% HNO ₃	X	Sodium bisulphate	A
Nitric acid 96% HNO ₃	X	Sodium chloride (salt)	A
Nitrobenzene	X	Sodium cyanide	A
Nitrogen	A	Sodium hydroxide	X
Octane	A	Sodium silicate	A
Oleic acid	A	Sodium sulfate	A
Oleum		Sodium sulfate	A
(Fuming sulfuric acid)	X	Stannic chloride	A
Oxalic acid	C	Starch	A
Oxygen	A	Steam	A
Palmitic acid	A	Stearic acid	A
Paraffin (Kerosene)	A	Sugar	A
Pentane	A	Sulfur dioxide	X
Perchloroethylene	C	Sulfuric acid 30%	X
Petroleum ether	A	Sulfuric acid 10%	A
Phenol	X	Sulfuric acid 50%	X
Phosphoric acid (all concentrations)	A	Sulfuric acid 96%	X
Phthalic acid	A	Sulfurous acid	X
Potassium acetate	A	Tannic acid	A
		Tar (asphalt)	A
		Tartaric acid	A
		Tetrachloroethane	C