

NAM 30 CHEMICAL COMPATIBILITY CHART

A = Recommended

C = Suitability depends on circumstances

X = Not recommended

Acetaldehyde	C	Bleach Liquor	A	Dekalin	A
Aceta	A	Boiler feed water (alkaline)	A	Di-benzyl ether	X
Acetic	A	Borax	C	Di-butyl phthalate	A
Acetic acid 100%	A	Boric acid	C	Diesel oil	A
Acetic ether	A	Brine	A	Dimethyl formamide	X
Acetone	C	Butane	A	Dyphyl (Dowtherm A)	A
Acetylene	C	Butanone (M.E.K)	A	Ethane	A
Air	A	Butyl acetate	A	Ethyl acetate	C
Adipic acid	A	Butyl alcohol (butanol)	A	Ethyl alcohol (ethanol)	A
Alum KAl	A	Butyric acid	A	Ethyl chloride	C
Aluminum acetate	A	Calcium chloride	A	Ethylene chloride	X
Aluminum Chlorate	A	Calcium hydroxide (lime water)	A	Ethylene glycol	A
Aluminum Chloride	A	Calcium hydrochloride	X	Ethyl ether	A
Aluminum Fluoride	A	Caliches Liquors	A	Ferric chloride	A
Aluminum Sulfate	A	Cane Sugar Liquors	A	Fluosilicic acid	A
Ammonia	A	Calcium sulphate	X	Formaldehyde	A
Ammonium bicarbonate	A	Carbolic acid 100%	C	Formamide	C
Ammonium Chloride	A	Carbon dioxide	C	Formic acid 10%	A
Ammonium diphosphate	A	Carbon dioxide dry/wet	A	Formic acid 85%	C
Ammonium hydroxide	A	Carbon disulfide	C	Freon R12	A
Ammonium Nitrate	A	Carbon mono oxide	X	Freon R22	C
Ammonium Phosphate (Monobasic)	A	Carbon tetrachloride	A	Fuel oil	X
Amyl acetate	C	Castor Oil	X	Gasoline (Unleaded)	A
Aniline	C	Clophen T-64	A	Gasoline Regular (Leaded)	A
Arcton 12	X	China wood oil, Tung oil	C	Gelatin	A
Arcton 22	A	Chlorine (dry)	C	Glue	A
Asphalt (Tar)	C	Chlorine (wet)	C	Glacial acetic acid	A
ASTM oil No.1	A	Chlorine water (0.5%)	C	Glycerin	A
ASTM oil No.3	A	Chloroform	A	Heating Oil	A
Aviation Fuel (Kerosene)	A	Chloromethane (Methyl chloride)	A	Heptanes	A
Barium Chloride	A	Chromic acid	C	Hydraulic Oil (mineral)	A
Barium Hydroxide	A	Citric acid	A	Hydraulic Oil (Phosphate ester)	C
Barium Sulfide	A	Copper acetate	X	Hydraulic Oil (Glycol based)	A
Beer	A	Copper chloride	X	Hydrazine hydrate	A
Beet Sugar Liquors	A	Copper Sulphate	X	Hydrochloric acid 20%	C
Benzene (Benzol)	A	Corn oil	C	Hydrochloric acid 37%	X
Benzene (Petroleum Spirit)	A	Cottonseed oil	A	Hydrofluoric acid 10%	X
Benzoic acid	A	Creosote	X	Hydrogen	A
Black Sulfate Liquor	C	Cresol	A	Hydrogen chloride (dry)	A
Blast furnace gas	A	Cyclohexanol	A	Hydrogen peroxide (up to 6% WW)	A
Iso-octane	A	Cyclohexanone (Anon)	A	Tetraline	A
Iso-propyl alcohol	A	Potassium Carbonate	A	Toluene	A
Kerosene (Petroleum)	A	Potassium chlorate	A		

Lactic acid 50%	A	Potassium Chloride	A	Town gas	A
Lead acetate	A	Potassium Chromium sulfate	X	Transformer Oil	A
Lead arsenate	A	Potassium cyanide	A	Trichloroethylene	C
Lime water	A	Potassium dichromate	A	Triethanolamine	A
Linseed Oil	A	Potassium hydroxide		Turpentine	A
Lubricating oil (Crude)	A	Potassium hypochlorite	A	Urea	A
Lubricating oil (Refined)	X	Potassium iodide	A	Vinyl acetate	A
Magnesium chloride	X	Potassium nitrate (saltpeter)	A	Water	A
Magnesium hydroxide	A	Potassium permanganate	A	Water glass	A
Magnesium sulphate	A	Producer gas (generator gas)	A	White spirit	A
Malic acid	A	Propane	X	Xylol	A
		Pydrol	A	Zinc Sulfate	A
Methane	A	Pyridine	A		
Methyl alcohol	A	Rapeseed oil	A		
Methylated Spirits	A	Salicylic acid	A		
Methyl chloride	C	Sea water	X		
Methylane chloride	X	Silicone Oil	A		
Methyl ethyl ketone (M.E.K)	A	Skydrol 500	A		
Mercury	A	Soap	A		
Mineral Oil ASTM No.1	A	Soda (sodium carbonate)	A		
Mineral Oil ASTM No.3	A	Sodium aluminate	A		
Naphtha	A	Sodium bicarbonate	A		
Natural gas	A	Sodium bi-sulphite	A		
Nitric acid 20%	X	Sodium chloride (salt)	X		
Nitric acid 40%	X	Sodium cyanide	A		
Nitric acid 96%	X	Sodium hydroxide	A		
Nitrobenzene	X	Sodium silicate (water glass)	A		
Nitrogen	X	Sodium sulfate	A		
Octane	A	Sodium sulfate	X		
Oleic acid	A	Stannic chloride	A		
Oleum (Fuming sulfuric acid)	A	Starch	A		
Oxalic acid	C	Steam	A		
Oxygen	A				
Palmitic acid	A	Stearic acid	X		
Paraffin (Kerosene)	A	Sugar	A		
Pentane	A	Sulfur dioxide	X		
Perchloroethylene	C	Sulfuric acid 30%	X		
Petroleum ether	A	Sulfuric acid 10	X		
Phenol	X	Sulfuric acid 50%	A		
Phosphoric acid (all concentrations)	A	Sulfuric acid 96%	A		
Phthalic acid	A	Sulfurous acid	A		
Potassium acetate	A	Tannic acid	A		
		Tar (asphalt)	A		
		Tartaric acid	A		
		Tetrachloroethane	C		