



INKOMPATIBLE KJEMIKALIAR

Tema:
Kjemikalier

Dato:
09.09.09

Side:
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I tabellen under er det opplista dei mest vanlege inkompatible kjemikaliane. Men fråver av eit kjemikalie frå lista må ikkje takast som ein indikasjon på at det er trygt å blanda med andre kjemikaliar. Ein bør òg vera merksam på at tabellen ikkje er fullendt.

acetic acid	chromic acid, ethylene glycol, nitric acid, hydroxyl compounds, perchloric acid, peroxides, permanganates
acetone	concentrated sulphuric and nitric acid mixtures
acetylene	chlorine, bromine, copper, fluorine, silver, mercury
alkali and alkaline earth metals (such as powdered aluminium or magnesium, calcium, lithium, sodium, potassium)	water, carbon tetrachloride or other chlorinated hydrocarbons, carbon dioxide, halogens, alcohols, aldehydes, ketones, acids
aluminium (powdered)	chlorinated hydrocarbons, halogens, carbon dioxide, organic acids
anhydrous ammonia	mercury, chlorine, calcium hypochlorite, iodine, bromine, hydrofluoric acid
ammonium nitrate	acids, metal powders, flammable liquids, chlorates, nitrates, sulphur, finely divided organic combustible materials
aniline	nitric acid, hydrogen peroxide
arsenic compounds	reducing agents
azides	acids
bromine	ammonia, acetylene, butadiene, hydrocarbons, hydrogen, sodium, finely-divided metals, turpentine, other hydrocarbons
calcium carbide	water, alcohols
calcium oxide	water
carbon, activated	calcium hypochlorite, oxidizing agents
carbon tetrachloride	sodium
chlorates	ammonium salts, acids, metal powders, sulphur, finely divided organic or combustible materials
chlorine	see bromine
chlorine dioxide	ammonia, methane, phosphine, hydrogen sulfide
chromic acid	acetic acid, naphthalene, camphor, glycerine, turpentine, alcohols, flammable liquids in general
copper	acetylene, hydrogen peroxide
cumene hydroperoxide	acids, organic or inorganic
cyanides	acids
fluorine	all other chemicals
flammable liquids	ammonium nitrate, chromic acid, hydrogen peroxide, nitric acid, sodium peroxide, halogens
hydrocarbons (such as butane, propane, benzene)	fluorine, chlorine, bromine, chromic acid, sodium peroxide
hydrocyanic acid	nitric acid, alkali
hydrofluoric acid	aqueous or anhydrous ammonia



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hydrogen peroxide	copper, chromium, iron, most metals or their salts, alcohols, acetone, organic materials, aniline, nitromethane, flammable liquids, oxidizing gases
hydrogen sulphide	fuming nitric acid, oxidizing gases
hypochlorites	acids, activated carbon
iodine	acetylene, ammonia (aqueous or anhydrous), hydrogen
mercury	acetylene, fulminic acid, ammonia
mercuric oxide	sulphur
nitrates	sulphuric acid
nitric acid (conc.)	acetic acid, aniline, chromic acid, hydrocyanic acid, hydrogen sulphide, flammable liquids, flammable gases, copper, brass, heavy metals
nitrites	acids
nitroparaffins	inorganic bases, amines
oxalic acid	silver, mercury
oxygen	oils, grease, hydrogen, flammable liquids, solids or gases
perchloric acid	acetic anhydride, bismuth and its alloys, ethanol, paper, wood, grease, oils
peroxides (organic)	acids, avoid friction or shock, store cold
phosphorus (white)	air, alkalies, reducing agents, oxygen
phosphorus pentoxide	water
potassium	carbon tetrachloride, carbon dioxide, water
potassium chlorate	acids
potassium perchlorate	acids
potassium permanganate	glycerine, ethylene glycol, benzaldehyde, sulphuric acid
selenides	reducing agents
silver	acetylene, oxalic acid, tartaric acid, ammonium compounds, fulminic acid
sodium	carbon tetrachloride, carbon dioxide, water
sodium nitrate	ammonium salts
sodium nitrite	ammonium salts
sodium peroxide	ethanol, methanol, glacial acetic acid, acetic anhydride, benzaldehyde, carbon disulphide, glycerine, ethylene glycol, ethyl acetate, methyl acetate, furfural
sulphides	acids
sulphuric acid	potassium chlorate, potassium perchlorate, potassium permanganate (or compounds with similar light metals, such as sodium, lithium, etc.)
tellurides	reducing agents
water	acetyl chloride, alkaline and alkaline earth metals, their hydrides and oxides, barium peroxide, carbides, chromic acid, phosphorous oxychloride, phosphorous pentachloride, phosphorous pentoxide, sulphuric acid, sulphur trioxide
zinc powder	sulphur