

ตารางที่ 6.2 ตัวอย่างสารเคมีที่เข้ากันไม่ได้ ควรแยกออกจากกันอย่างเด็ดขาด

สารเคมี	เก็บแยกจาก
acetic acid	chromic acid, nitric acid, perchloric acid, peroxides, permanganates and other oxidizers
acetone	concentrated nitric and sulfuric acid mixtures, and strong bases
acetylene	chlorine, bromine, copper, fluorine, silver, mercury
alkali metals	water, carbon tetrachloride or other chlorinated hydrocarbons, carbon dioxide, halogens
ammonia, anhydrous	mercury, chlorine, calcium hypochlorite, iodine, bromine, hydrofluoric acid
ammonium nitrate	acids, metal powders, flammable liquids, chlorates, nitrites, sulfur, finely divided organic or combustible materials
aniline	nitric acid, hydrogen peroxide
arsenic materials	any reducing agent
azides	acids
bromine	same as chlorine
calcium oxide	water
carbon (activated)	calcium hypochlorite, all oxidizing agents
carbon tetrachloride	sodium
chlorates	ammonium salts, acids, metal powders, sulfur, finely divided organic or combustible materials
chromic acid and chromium trioxide	acetic acid, naphthalene, camphor, glycerol, glycerin, turpentine, alcohol, flammable liquids in general
chlorine	ammonia, acetylene, butadiene, butane, methane, propane (or other petroleum gases), hydrogen, sodium carbide, turpentine, benzene, finely divided metals
chlorine dioxide	ammonia, methane, phosphine, hydrogen sulfide
copper	acetylene, hydrogen peroxide
cumene hydroperoxide	acids, organic or inorganic
cyanides	acids
flammable liquids	ammonium nitrate, chromic acid, hydrogen peroxide, nitric acid, sodium peroxide, halogens

hydrocarbons	fluorine, chlorine, bromine, chromic acid, sodium peroxide
hydrocyanic acid	acids
hydrofluoric acid	ammonia, aqueous or anhydrous, bases and silica
hydrogen peroxide	copper, chromium, iron, most metals or their salts, alcohols, acetone, organic materials, aniline, nitromethane, flammable liquids
hydrogen sulfide	fuming nitric acid, other acids, oxidizing gases, acetylene, ammonia (aqueous or anhydrous), hydrogen
hypochlorites	acids, activated carbon
iodine	acetylene, ammonia (aqueous or anhydrous), hydrogen
mercury	acetylene, fulminic acid, ammonia
nitrate	sulfuric acid
nitric acid (concentrated)	acetic acid, aniline, chromic acid, hydrocyanic acid, hydrogen sulfide, flammable liquids, flammable gases, copper, brass, any 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, alcohol, paper, wood, grease, and oils
peroxides, organic	acids (organic or mineral), avoid friction, store cold
phosphorus (white)	air, oxygen, alkalis, reducing agents
potassium	carbon tetrachloride, carbon dioxide, water
potassium chlorate and perchlorate	sulfuric and other acids, alkali metals, magnesium and calcium.
potassium permanganate	glycerin, ethylene glycol, benzaldehyde, sulfuric acid
selenides	reducing agents
silver	acetylene, oxalic acid, tartaric acid, ammonium compounds, fulminic acid
sodium	carbon tetrachloride, carbon dioxide, water
sodium nitrite	ammonium nitrate and other ammonium salts