

Incompatible Chemical Storage 1



Nitric acid, concentrated

- Toluene
- Hydrochloric Acid
- Sulfuric Acid
- Nitric Acid
- 2-Propanol / Isopropyl Alcohol
- Acetic Acid

acetic acid, acetone, alcohol, flammable substances, such as organic chemicals
Note: There have been many explosions from inappropriate or inadvertent mixing of nitric acid with organic chemicals in waste containers.

Incompatible Chemical Storage 2



- Acetone
- Nitric Acid
- 2-Propanol / Isopropyl Alcohol
- Acetic Acid
- Ammonium Hydroxide

Nitric acid, concentrated

acetic acid, acetone, alcohol, flammable substances, such as organic chemicals

Note: There have been many explosions from inappropriate or inadvertent mixing of nitric acid with organic chemicals in waste containers.

Fisher Scientific Chemical Compatibility Chart

CHEMICAL COMPATIBILITY CHART

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• Represents Unsafe Combinations

□ Represents Safe Combinations

Group 1: Inorganic Acids

- Chlorosulphonic acid
- Hydrochloric acid (aqueous)
- Hydrofluoric acid (aqueous)
- Hydrogen chloride (anhydrous)
- Hydrogen fluoride (anhydrous)
- Nitric acid
- Oleum
- Phosphoric acid
- Sulfuric acid

Group 2: Organic Acids

- Acetic acid
- Butyric acid (n-)
- Formic acid
- Propionic acid
- Rosin Oil
- Tall oil

Group 19: Ammonia

- Ammonium hydroxide