



Reagent Tests UK

Safety Information

This contains the chemical information for your test. In case of an emergency, it can be presented to medical staff.

The primary risk of reagents is their corrosiveness. Treat them like you would treat very strong bleach.



- Do not touch reagents or put them in your mouth.
- Wear eye and skin protection when using.
- **Wash with cold water** to rinse away reagents if you touch them or get them on clothes.
- If you get reagents in your mouth, spit them out and rinse with water.
- Store out of reach of children.
- Skin injuries from reagents are like any other skin injury. They need to be kept clean to prevent infection and will not cause unexpected long term effects.
- Seal unused product and dispose into landfill.
- Online version: reagent-tests.uk/safety

Corrosive Reagents

Ehrlich	Phosphoric Acid (10%)
Froehde	Sulfuric Acid (14%)
Hofmann	Sulfuric Acid (14%)
Liebermann	Sulfuric Acid (13%)
Mandelin	Sulfuric Acid (14%)
Marquis	Sulfuric Acid (13%)
Mecke	Sulfuric Acid (14%)
Zimmermann 1	Sodium Hydroxide (10%)



Components posing a risk when consumed in bulk

Ehrlich	p-DMAB (2%) + Isopropanol (30%)
Froehde	Molybdic Acid (0.5%)
Hofmann	p-DMAB (2%) + FeCl ₃ (0.1%)
Liebermann	Potassium Nitrite (1%)
Mandelin	Vanadium (V) Oxide (0.06%)
Marquis	Formaldehyde (0.2%)
Mecke	Selenous Acid (0.1%)
Morris (Part 1)	Cobalt Thiocyanate (0.15%)
Simon	Acetaldehyde (0.2%) + Na Nitroprusside (0.2%)
Zimmermann 2	Methanol (99%) + 1,3-dinitrobenzene (1%)

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