

NATIONAL SOLDER

CO

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MATERIAL SAFETY DATA SHEET

Safety Data Sheet Acetone

1. Identification of the substance/mixture and of the company/undertaking

Trade name: Acetone

Synonyms: Acetone, 2-propanone, Dimethyl ketone, Ketone propane, beta-Ketapropenone

Use: solvent & industrial use

Company:

National Solder Company (pty) ltd

13 Arkin street

Germiston

1401

011-8739000

solders@nationalsolder.com

Nationwide: dial 112 from cellphones only and you will be linked to your cell phone company's emergency call centre - even if you are out of airtime or the phone is locked.

OR

Vodacom Emergency: 082 112; MTN Emergency: 083 112; Cell C Emergency: 084 112

Hazards identification:

Identification of the risks

Highly flammable.

Irritating to eyes.

Repeated exposure may cause skin dryness or cracking.

Vapours may cause drowsiness and dizziness.

First aid measures

General advice:

When symptoms persist or in all cases of doubt seek medical advice.

Inhalation: Move to fresh air in case of accidental inhalation of vapours.

If breathing is irregular or stopped, administer artificial respiration.

Call a physician immediately.

Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Wash contaminated clothing before re-use.

If skin irritation persists, call a physician.

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and

consult a physician.

Ingestion: If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting without medical advice.

Never give anything by mouth to an unconscious person

Firefighting measures

Suitable extinguishing media

Water spray, Alcohol-resistant foam, Dry chemical, Carbon dioxide (CO₂).

Specific hazards during firefighting

Flash back possible over considerable distance.

Special protective equipment for firefighters. Wear self-contained breathing apparatus and protective suit.

Accidental release measures

Personal precautions

Keep people away from and upwind of spill/leak.

Remove all sources of ignition.

Do not breathe vapours or spray mist.

Environmental precautions

Should not be released into the environment.

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Soak up with inert absorbent material and dispose of as hazardous waste.

7. Handling and storage

Handling:

Safe handling advice:

Provide sufficient air exchange and/or exhaust in work rooms. Wear personal protective equipment.

Take precautionary measures against static discharge.

Ensure all equipment is electrically grounded before beginning transfer operations.

Advice on protection against fire and explosion

Keep away from heat and sources of ignition.

Use explosion-proof equipment.

Storage:

Requirements for storage areas and containers. Store between 5 and 25 °C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.