

# SAFETY DATA SHEET

AMMONIA REAGENT 1

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Issued: 20/05/02

Revision No: 1

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## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product name:** AMMONIA REAGENT 1

**Product code:** RP5311

**Use / description of product:** For use in small quantities, for water analysis.

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Ingredient 1:** SOLUTION SODIUM HYDROXIDE 10-30%

**Ingredient 2:** RAW ETHYLENE DIAMINE TETRA ACETIC ACID DI SODIUM SALT 10-30%

## 3. HAZARDS IDENTIFICATION

**Main hazards:** Causes severe burns.

## 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

## 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Do not induce vomiting.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Dry chemical powder.

**Exposure hazards:** Corrosive.

**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

**Environmental precautions:** Do not discharge into drains or rivers.

**Clean-up procedures:** Absorb into dry earth or sand.

## 7. HANDLING AND STORAGE

**Storage conditions:** Store in cool, well ventilated area.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Respiratory protection:** Respiratory protective device with particle filter.

[cont...]

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AMMONIA REAGENT 1**Hand protection:** Protective gloves.**Eye protection:** Safety goggles.**Skin protection:** Wear laboratory coat**9. PHYSICAL AND CHEMICAL PROPERTIES****State:** Liquid**Colour:** Colourless**Odour:** Odourless**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Conditions to avoid:** Direct sunlight. Heat.**11. TOXICOLOGICAL INFORMATION****12. ECOLOGICAL INFORMATION****13. DISPOSAL CONSIDERATIONS****Waste disposal:** Transfer to waste solvent drum for collection by specialist disposal company.**Disposal of packaging:** Dispose of as normal industrial waste.**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**14. TRANSPORT INFORMATION****ADR / RID****UN no:** 1824**ADR Class:** 8**Hazard ID no:** 80**Labelling:** 8**Shipping name:** SODIUM HYDROXIDE, SOLUTION**IMDG / IMO****UN no:** 1824**Class:** 8**Packing group:** II**EmS:** 8-06**Marine pollutant:** NO**Labelling:** 8**IATA / ICAO****UN no:** 1824**Class:** 8**Packing group:** II**Packing instructions:** 813**Quantity:** 30 L**Labelling:** 8

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**Hazard symbols:** Corrosive.



**Risk phrases:** R35: Causes severe burns.

**Safety phrases:** S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28: After contact with skin, wash immediately with plenty of ...

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. ADDITIONAL INFORMATION**

**Additional information:** The information contained within this MSDS is based on bulk quantities. The user should bear in mind the reduced hazard associated with the small quantities normally associated with test kit reagents, and adjust their responses accordingly.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.