

SAFETY DATA SHEET
HR ACIDITY TITRANT

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Issued: 27/04/00

Revision No: 1

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

Product name: HR ACIDITY TITRANT

Product code: TC2001

Use / description of product: Corrosive. Liquid. Please note the small quantity - and refer to additional information on the last page of this MSDS

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient 1: SODIUM HYDROXIDE 10-30%

CAS: 1310-73-2

EINECS: 215-185-5

[C] R35;

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: Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

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

Ingestion: Irrigate thoroughly for at least 10 minutes. If discomfort persists OBTAIN MEDICAL ATTENTION. If substance swallowed is corrosive, give 1 cup of water to drink every 10 minutes.

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

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Water. Dry chemical powder. Vapourising Liquids. Foam

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

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

Environmental precautions: Do not allow large quantities to enter local drainage systems

[cont...]

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HR ACIDITY TITRANT**7. HANDLING AND STORAGE****8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Hand protection:** Protective gloves.**Eye protection:** Safety goggles. Face-shield.**Skin protection:** Protective clothing with elasticated cuffs and closed neck.**9. PHYSICAL AND CHEMICAL PROPERTIES****State:** Liquid**Colour:** Colourless**Odour:** Odourless**Solubility in water:** Miscible in all proportions**pH:** 13-14**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Conditions to avoid:** Heat.**Materials to avoid:** Chloroform/methanol mixtures Zirconium Strong acids. Zinc.**Haz. decomp. products:** In combustion emits toxic fumes.**11. TOXICOLOGICAL INFORMATION****Ingredient 1:** SODIUM HYDROXIDE

IPR MUS LD50 40mg/kg

12. ECOLOGICAL INFORMATION**13. DISPOSAL CONSIDERATIONS****Waste disposal:** Dispose of as normal industrial waste.**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

SAFETY DATA SHEET
HR ACIDITY TITRANT**IATA / ICAO**

UN no: 1824
Class: 8
Packing group: II
Packing instructions: 813
Quantity: 30 L
Labelling: 8

15. REGULATORY INFORMATION

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.

Risk phrases used in s.2: R35: Causes severe burns.

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.