

SAFETY DATA SHEET

TA3

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

Product name: TA3

Product code: RD1209

Use / description of product: No significant hazard. Liquid. For use in small quantities, for water analysis.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient 1: SULPHURIC ACID <10%

CAS: 7664-93-9

EINECS: 231-639-5

[C] R35;

3. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: No symptoms.

Eye contact: No symptoms.

Ingestion: No symptoms.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash off thoroughly with soap and water.

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

Ingestion: wash out mouth with water

5. FIRE-FIGHTING MEASURES

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

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

Clean-up procedures: Neutralise with dilute sodium hydroxide solution testing with litmus paper periodically.
Wash down the drain with large amounts of water. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Do not use steel containers.

[cont...]

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Hand protection:** Protective gloves.**Eye protection:** Safety goggles.**Skin protection:** Protective clothing with elasticated cuffs and closed neck.**TWA (8 hr exposure limit):** 1(sulphuric acid)**9. PHYSICAL AND CHEMICAL PROPERTIES****State:** Liquid**Colour:** Colourless**Odour:** Odourless**Viscosity:** Non-viscous**Oxidising:** Non-oxidising (by EC criteria)**Evaporation rate:** Negligible**Solubility in water:** Miscible in all proportions**pH:** 0-1**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Conditions to avoid:** Heat. Direct sunlight.**Materials to avoid:** Bases.**Haz. decomp. products:** In combustion emits toxic fumes.**11. TOXICOLOGICAL INFORMATION****Ingredient 1:** SULPHURIC ACID...100%

ORL RAT LD50 2140mg/kg

12. ECOLOGICAL INFORMATION**Mobility:** Soluble in water. Non-volatile. Readily absorbed into soil.**Persistence and degradability:** Biodegradable.**Bioaccumulative potential:** No bioaccumulation potential.**Other adverse effects:** Negligible ecotoxicity.**13. DISPOSAL CONSIDERATIONS****Waste disposal:** Neutralise with excess sodium bicarbonate solution. Flush liquors to drain, local regulations permitting, or send to a waste water treatment plant.**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:** : none**IMDG / IMO****IATA / ICAO**

[cont...]

15. REGULATORY INFORMATION

Hazard symbols: No significant hazard.

Safety phrases: S2: Keep out of the reach of children.

S24/25: Avoid contact with skin and eyes.

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.