

**SAFETY DATA SHEET**  
CHLORIDE REAGENT 3

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Issued: 06/04/01

Revision No: 1

Danum Laboratory Services  
2 Dunscroft Grove  
Rossington  
Doncaster DN11 0UL  
Tel: 01302 864668  
Fax: 01302 860880

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

**Product name:** CHLORIDE REAGENT 3

**Product code:** CR3

**Use / description of product:** Liquid. Harmful.

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**Ingredient 1:** DLS CHLORIDE REAGENT 3 >90%  
[Xi] R36/37/38;

**3. HAZARDS IDENTIFICATION**

**Main hazards:** Irritating to eyes, respiratory system and skin.

**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.  
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:** Do not induce vomiting. If conscious, give 1 pint of water to drink immediately.

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

**5. FIRE-FIGHTING MEASURES**

**Extinguishing media:** Water. Dry chemical powder. Alcohol or polymer foam. Do not use carbon dioxide.

**Exposure hazards:** In combustion emits toxic fumes.

**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. Wash the spillage site with large amounts of water.

**7. HANDLING AND STORAGE**

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid direct contact with the

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substance.

**Storage conditions:** Store in cool, well ventilated area.**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Engineering measures:** Ensure there is sufficient ventilation of the area.**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.**Hand protection:** Protective gloves.**Eye protection:** Safety goggles.**Skin protection:** Protective clothing with elasticated cuffs and closed neck.**TWA (8 hr exposure limit):** 8 (ETHANOLAMINE)**STEL (15 min exposure limit):** 15 (ETHANOLAMINE)**9. PHYSICAL AND CHEMICAL PROPERTIES****State:** Liquid**Colour:** Colourless**Odour:** Characteristic odour**Viscosity:** Viscous**Oxidising:** Non-oxidising (by EC criteria)**Evaporation rate:** Slow**Solubility in water:** Miscible in all proportions**pH:** 10-11**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Conditions to avoid:** Heat. Flames.**Materials to avoid:** Oxidising agents.**Haz. decomp. products:** In combustion emits toxic fumes.**11. TOXICOLOGICAL INFORMATION****Effects of exposure** Watering of the eyes.**12. ECOLOGICAL INFORMATION****13. DISPOSAL CONSIDERATIONS****Waste disposal:** Neutralise with dilute hydrochloric acid. 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:** : none**IMDG / IMO****IATA / ICAO****15. REGULATORY INFORMATION****Hazard symbols:** Harmful.

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**Risk phrases:** R36/37/38: Irritating to eyes, respiratory system and skin.

**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**

**Risk phrases used in s.2:** R36/37/38: Irritating to eyes, respiratory system and skin.

**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.