

**SAFETY DATA SHEET**  
HR MOLYBDATE REAGENT

Page 1

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

**Product name:** HR MOLYBDATE REAGENT

**Product code:** RC4830

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

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**Ingredient 1:** DLS HR MOLYBDATE REAGENT >90%  
[C] R34; [T] R23/24/25;

**3. HAZARDS IDENTIFICATION**

**Main hazards:** Causes burns. Toxic by inhalation, in contact with skin and if swallowed.

**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:** 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 ONLY

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

**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

**7. HANDLING AND STORAGE**

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Respiratory protection:** Fume cupboard- flame proof. Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Protective gloves.

[cont...]

**SAFETY DATA SHEET**  
HR MOLYBDATE REAGENT

**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:** Pungent sulphurous

**Solubility in water:** Miscible in all proportions

**pH:** 4-5

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat.

**Materials to avoid:** Oxidising agents.

**Haz. decomp. products:** In combustion emits toxic fumes.

**11. TOXICOLOGICAL INFORMATION****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:** 1940

**ADR Class:** 8

**Hazard ID no:** 80

**Labelling:** 8

**Shipping name:** THIOGLYCOLIC ACID

**IMDG / IMO**

**UN no:** 1940

**Class:** 8

**Packing group:** II

**EmS:** 8-05

**Marine pollutant:** NO

**Labelling:** 8

**IATA / ICAO**

**UN no:** 1940

**Class:** 8

**Packing group:** II

**Packing instructions:** 813

[cont...]

**Quantity** 30 L  
**Labelling:** 8

**15. REGULATORY INFORMATION**

**Hazard symbols:** Toxic.



**Risk phrases:** R34: Causes burns.  
R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.

**Safety phrases:** S2: Keep out of the reach of children.  
S24/25: Avoid contact with skin and eyes.  
S28: After contact with skin, wash immediately with plenty of water.  
S27: Take off immediately all contaminated clothing.  
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**

**Risk phrases used in s.2:** R34: Causes burns.  
R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.

**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.