

# SAFETY DATA SHEET

MO2

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

**Product name:** MO2

**Product code:** RD3026

**Use / description of product:** Highly flammable. Irritant. Solid.

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Ingredient 1:** DLS MOLYBDATE BUFFER REAGENT MO 2 >90%

[F] R11; [Xi] R37/38; [Sens.] R42/43;

## 3. HAZARDS IDENTIFICATION

**Main hazards:** Highly flammable. Irritating to respiratory system and skin. May cause sensitisation by inhalation and skin contact.

## 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. Dry powder Vapourising Liquids. Do not use dry chemical. Do not use foam and mist, alcohol foam. Do not use carbon dioxide.

**Exposure hazards:** Highly flammable. 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

## 7. HANDLING AND STORAGE

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Respiratory protection:** Dust respirator.

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**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:** Solid**Colour:** White crystalline**Odour:** Odourless**Solubility in water:** Highly soluble**Melting point/range°C:** 263**Flash point°C:** 250**pH:** 8.5-9.5**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Conditions to avoid:** Sources of ignition.**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:** 1328**ADR Class:** 4.1**Hazard ID no:** 40**Labelling:** 4.1**Shipping name:** HEXAMETHYLENETETRAMINE**IMDG / IMO****UN no:** 1328**Class:** 4.1**Packing group:** III**EmS:** 4.1-06**Marine pollutant:** NO**Labelling:** 4.1**IATA / ICAO****UN no:** 1328

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**Class:** 4.1  
**Packing group:** III  
**Packing instructions:** 420  
**Quantity** 100 kg  
**Labelling:** 4.1

**15. REGULATORY INFORMATION**

**Hazard symbols:** Highly flammable.  
Irritant.



**Risk phrases:** R11: Highly flammable.  
R37/38: Irritating to respiratory system and skin.  
R42/43: May cause sensitisation by inhalation and skin contact.

**Safety phrases:** S2: Keep out of the reach of children.  
S16: Keep away from sources of ignition - No smoking.  
S36/37: Wear suitable protective clothing and gloves.

**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:** R11: Highly flammable.  
R37/38: Irritating to respiratory system and skin.  
R42/43: May cause sensitisation by inhalation and skin contact.

**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.