

PRMI

# MATERIAL SAFETY DATA SHEET

24 HR. EMERGENCY NO: CHEM-TREC 1-800-424-9300

Manufacturer: ProChem, Inc.  
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## SECTION 1 Product Identification

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**CHEMICAL NAME:** Molybdenum Dichloride Dioxide  
**CAS#:** 13637-68-8  
**FORMULA:** MoO<sub>2</sub>Cl<sub>2</sub>  
**SYNONYM:** Molybdenum (VI) dichloride dioxide

**PRODUCT NO:** 2602

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## SECTION 2 Composition and Information on Ingredients

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INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	13637-68-8	100	No Data	No Data

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## SECTION 3 Hazards Identification

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**EMERGENCY OVERVIEW:** CORROSIVE. CAUSES BURNS.

**PRIMARY ROUTES OF EXPOSURE:** Contact with skin and eyes. Inhalation of dust. Ingestion.

**EYE CONTACT:** Causes burns.

**SKIN CONTACT:** Causes burns. May be harmful if absorbed thru skin.

**INHALATION:** Inhalation of dust is extremely destructive to tissue of mucous membranes and upper respiratory tract.

**INGESTION:** May be fatal if swallowed. Extremely destructive to tissue.

**SIGNS AND SYMPTOMS OF EXPOSURE:**

Burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea, and vomiting. Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

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## SECTION 4 First Aid Measures

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**EYE EXPOSURE:** Immediately flush the eyes with copious amounts of water (lukewarm if possible) for at least 10-15 minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate competent medical attention.

**SKIN EXPOSURE:** Wash affected area with water for at least 15 minutes. Remove contaminated clothes if necessary. Seek medical attention if redness, irritation, burns are present.

**INHALATION:** Remove victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. Give oxygen if available. If not breathing administer CPR. In such cases seek immediate medical assistance.

**INGESTION:** Seek medical attention immediately. Keep victim calm.