



**TECHNO PHARMCHEM**

An ISO 9001 : 2008 Certified Company

Registered Off. : 101-A, Deep Enclave, Pocket "D", Ashok Vihar, Phase-III, Delhi-110 052 (India)  
Corporate Off. : 152, Vardhman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)  
Works : Plot No.1022, Modern Industrial Estate, Bahadurgarh-124507, Haryana (India)  
Telephone : 0091 - 11 - 23646422 E-mail : tecpharm@gmail.com  
Website : www.technopharmchem.com

## MOLYBDIC ACID MATERIAL SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Product form : Substance  
CAS No. : 7782-91-4  
Product Code : 38058

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Industrial/professional use spec : Industrial  
For professional use only :  
Use of the substance/mixture : Laboratory Reagent

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the manufacturer of the safety data sheet

Techno Pharmchem  
Plot No.1022, Modern Industrial Estate,  
Bahadurgarh-124507, India  
info@technopharmchem.com

#### 1.4. Emergency telephone number

Emergency number: +91 11 23646422 (9:30am – 5.30pm)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification according to regulation (EC) No. 1272/2008[CLP]  
Not classified

#### Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

#### 2.2. Label elements

Labeling according to regulation (EC) No. 1272/2008 [CLP]  
No labelling applicable

#### 2.3. Other hazards

No additional information available

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substances

Name	:	Molybdcic Acid
CAS No	:	7782-91-4

Full text of R- and H-phrases: see section 16

#### 3.2. Mixtures

Not applicable

### SECTION 4: FIRST AID MEASURES

#### 4.1. Description of first aid measures

First-aid measures general	:	If you feel unwell, seek medical advice.
First – aid measures after inhalation	:	Remove person to fresh air and keep comfortable for breathing. Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.
First – aid measures after skin contact	:	Wash skin with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.
First – aid measures after eye contact	:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First – aid measures after ingestion	:	Rinse mouth out with water. If you feel unwell, seek medical advice. Call a doctor if you feel unwell.

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	:	Causes damage to organs.
First-aid measures after inhalation	:	May cause respiratory irritation.
Symptoms/injuries after skin contact	:	None under normal conditions. Dust may cause irritation in skin folds or by contact in combination with tight clothing.
First-aid measures after eye contact	:	Causes serious eye irritation
First-aid measures after ingestion	:	None under normal conditions.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5: FIRE FIGHTING MEASURES

#### 5.1. Extinguishing media

Suitable extinguishing media	:	Water spray. Water spray. Dry powder. Foam.
Unsuitable extinguishing media	:	Carbon dioxide (CO <sub>2</sub> ). dry chemical powder. Foam.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products : Toxic fumes may be released.  
in case of fire

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus.  
Complete protective clothing.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

#### 6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.  
Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Use personal protective equipment as required. For further information refer to section 8: "Exposure controls/personal protection".  
Emergency procedures : Stop release. Evacuate unnecessary personnel.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

For containment : Using a clean shovel, put the material in a dry container and cover without compressing it.  
Methods for cleaning up : Mechanically recover the product. Clear up rapidly by scoop or vacuum.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precaution for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.



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## 7.2. Conditions for safe storage, including any compatibilities

Storage conditions : Keep container tightly closed. Protect from moisture.  
 Store in a dry place. Store in a well-ventilated place.

## 7.3. Specific end use (S)

No additional information available

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

Hand protection : Protective gloves  
 Eye protection : Chemical goggles or safety glasses  
 Skin and body protection : Wear suitable protective clothing  
 Respiratory protection : [In case of inadequate ventilation] Wear respiratory protection.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Physical state : Solid  
 Colour : White  
 Appearance : Powder  
 Molecular mass : 161.95 g/mol  
 Odour : Odourless  
 Odour threshold : Not available  
 Melting Point : 300°C  
 Freezing point : Not applicable  
 Boiling point : Decomposes  
 Flammability : Non flammable  
 Lower explosion limit : Not applicable  
 Upper explosion limit : Not applicable  
 Flash point : Not applicable  
 Auto-ignition temperature : Not applicable  
 Decomposition temperature : Not available  
 pH : 4  
 pH solution : Not available  
 Viscosity, kinematic : Not applicable  
 Solubility : Water: Slightly Soluble in water  
 Partition coefficient n-octanol/water (Log Kow) : Not available  
 Vapor pressure : Not available  
 Vapour pressure at 50°C : Not available  
 Density : 3.1 g/cm<sup>3</sup> at 25 °C  
 Relative density : Not available  
 Relative vapour density at 20°C : 6.2  
 Particle size : Not available



## 9.2. Other information

No additional information available

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport

### 10.2. Chemical Stability

Stable under normal conditions

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Direct sunlight. Air contact. Moisture.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	:	Not classified
Acute toxicity (dermal)	:	Not classified
Acute toxicity (inhalation)	:	Not classified
Skin corrosion/irritation	:	Not classified
Serious eye damage/irritation	:	Not classified
Respiratory or skin sensitization	:	Not classified
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	Not classified
Reproductive toxicity	:	Not classified
STOT-single exposure	:	Not classified
STOT-repeated exposure	:	Not classified
Aspiration hazard	:	Not classified
Viscosity, kinematic	:	Not applicable

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Ecology - general	:	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	:	Not classified
Hazardous to the aquatic environment, long-term (chronic)	:	Not classified



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**12.2. Persistence and degradability**

No additional information available

**12.3. Bio accumulative potential**

No additional information available

**12.4. Mobility in soil**

No additional information available

**12.5. Results of PBT AND vPvB assessment**

No additional information available

**12.6. Other adverse effects**

No additional information available

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1. Waste treatment methods**

Product/packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

**SECTION 14: TRANSPORT INFORMATION**

**14.1 UN number**

ADR/RID: - IMDG: - IATA: -

**14.2 UN Proper shipping name**

ADR/RID : Not dangerous goods  
 IMDG : Not dangerous goods  
 IATA : Not dangerous goods

**14.3 Transport Hazard class(es)**

ADR/RID: - IMDG: - IATA: -

**14.4 Packaging group**

ADR/RID: - IMDG: - IATA: -

**14.5 Environmental hazards**

ADR/RID: no IMDG Marine pollutant: no IATA: no

**14.6 Special precautions for user**

No data available



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## **SECTION 15: REGULATORY INFORMATION**

### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Ensure all local, regional, national and/or international regulations are observed.

### **15.2 Chemical safety Assessment**

For this product a chemical safety assessment was not carried out.

## **SECTION 16: OTHER INFORMATION**

The information contained herein in good faith but makes no representations as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. We do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.