



Certificate No. : 6709-002

Shree Jay Ambe

**Jay Dinesh Chemicals**  
Quality is Priority

Offic Add:- 303/304 Murlidhar complex,  
Opp Fathepura Post offic,  
Bhattha, Paldi, Ahmedabad- 3800 007  
Gujarat, INDIA.  
Teli :+91 79 26608664/ 79 26608667  
9974013523/ 9909949962  
Email:- Info@jaydinesh.com ; export@jaydinesh.com



Factory: Plot No.184-186, Nr. Clearis Life Science,  
Vill Chacharwadi vasana, Sarkhej bavla highway,  
TA, Sanand, Dist. Ahmedabad- 382 213  
Gujarat, INDIA.  
Teli: +91 2717 294247 / 7817 013055  
+91 9979317523  
Websight: www.jaydinesh.com

## MATERIAL SAFETY DATA SHEET

### Ammonium Molybdate

#### **1: Manufacturer's Information**

Manufactured by: Jay Dinesh Chemicals, Survey No. 184 to 186, Nr. Claris Village Chacharawadi – Vasna, Sarkhej Bawla Highway, Ta. Sanad, Dist. Ahmedabad–382213.

#### **2: Chemical Composition and Information on Ingredients**

Chemical name: Ammonium Molybdate  
Chemical formula:  $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24}\cdot 4\text{H}_2\text{O}$   
CAS NO: 12054-85-2  
Molecular weight: 1,163.9 g/mol  
HSN code: 28417090

#### **3: Hazards Identification**

Acute inhalation: May cause respiratory irritation  
Eyes: Causes serious eye irritation.  
Skin: Causes skin irritation  
Ingestion: Expected to be a low ingestion hazard.  
Explanation of carcinogenicity: None of the compounds in this product is listed by iarc ntp, or osha as a carcinogen.  
Signs and symptoms of overexposure: Eye irritation.

#### **4: First Aid Measures**

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.  
Skin contact: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If  
Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.  
Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

#### **5: Fire and Explosion Data**

Flammability of the Product: Non flammable.  
Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
Explosion hazard: Not applicable.  
Fire & explosive hazards: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.



Certificate No. : 6709-002

Office Add:- 303/304 Murlidhar complex,  
Opp Fathepura Post offic,  
Bhattha, Paldi, Ahmedabad- 3800 007  
Gujarat, INDIA.

Teli :+91 79 26608664/ 79 26608667  
9974013523/ 9909949962

Email:- Info@jaydinesh.com ; export@jaydinesh.com



Factory: Plot No.184-186, Nr. Clearis Life Science,  
Vill Chacharwadi vasana, Sarkhej bavla highway,  
TA, Sanand, Dist. Ahmedabad- 382 213  
Gujarat, INDIA.

Teli: +91 2717 294247 / 7817 013055  
+91 9979317523  
Websight: www.jaydinesh.com

Fire fighting equipment: Wear self-contained breathing apparatus, pressure demand And full protective gear.  
Special Remarks on Fire: Do not enter fire area without proper protective equipment, including respiratory  
Hazards: protection.

## **6: Accidental Release Measures**

Small Spill: Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.  
Large Spill: Confine area to qualified personnel. wear proper protective equipment. Stop leak if Safe to do so. Absorb with Dry earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal.

## **7: Handling and Storage**

Handeling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Avoid breathing dust. Use only outdoors or in a well-ventilated area.  
Storage: Keep only in the original container in a cool, well ventilated place away from : incompatible materials. Keep container tightly closed.

## **8: Exposure Controls/Personal Protection**

Engineering controls: Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.  
Personal protection: Gloves. Safety glasses. Dust production: dust mask with filter type P1.  
Personal protection in case of a large spill: Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling  
Exposure Limits: Not available.

## **9: Physical and Chemical Properties**

Physical state and appearance: Solid  
Color: white  
pH (1% soln/water): No data available  
Boiling point: Decomposes  
Pour point: No data available  
Decomposition temperature: 75 °C  
Specific gravity: 2.276 g/cm<sup>3</sup>  
Vapor pressure: No data available  
Vapor density: No data available



Certificate No. : 6709-002

Office Add:- 303/304 Murlidhar complex,  
Opp Fathepura Post offic,  
Bhattha, Paldi, Ahmedabad- 3800 007  
Gujarat, INDIA.  
Teli :+91 79 26608664/ 79 26608667  
9974013523/ 9909949962  
Email:- Info@jaydinesh.com ; export@jaydinesh.com



Factory: Plot No.184-186, Nr. Clearis Life Science,  
Vill Chacharwadi vasana, Sarkhej bavla highway,  
TA, Sanand, Dist. Ahmedabad- 382 213  
Gujarat, INDIA.  
Teli: +91 2717 294247 / 7817 013055  
+91 9979317523  
Websight: www.jaydinesh.com

Dispersion properties: No data available  
Solubility: Water: 63.5 g/100ml

## **10: Stability and Reactivity Data**

Reactive: None  
Chemical stability Not established.  
Possibility of hazardous recations Not established.  
Conditions to avoid Direct sunlight. Extremely high or low temperatures.  
Polymerization: Not established.

## **11: Toxicological Information**

Oral Not available.  
Dermal Not available.  
Inhalation Not available.  
Chronic / carcinogenicity: Not available.  
Teratology: Not available.  
Reproduction: Not available.  
Mutagenicity: Not available.

## **12: Ecological Information**

Ecotoxicity: Not available.  
BOD and COD: Not available.  
Products of biodegradation: Possibly hazardous short/long term degradation products are to be expected.  
Toxicity of the products of biodegradation : The products of degradation are more toxic.  
Special remarks on the products of biodegradation : Not available.

## **13: Disposal Considerations**

Waste disposal: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to comply with local, state and federal regulations.  
Other precautions: Avoid release to the environment.

## **14: Transport Information**

Dot classification: Not required.  
Identification: Not required.  
Special provisions for transport: Not available



Certificate No. : 6709-002

Shree Jay Ambe

**Jay  
Dinesh  
Chemicals**  
*Quality is Priority*

Offic Add:- 303/304 Murlidhar complex,  
Opp Fathepura Post offic,  
Bhattha, Paldi, Ahmedabad- 3800 007  
Gujarat, INDIA.  
Teli :+91 79 26608664/ 79 26608667  
9974013523/ 9909949962  
Email:- Info@jaydinesh.com ; export@jaydinesh.com



Factory: Plot No.184-186, Nr. Clearis Life Science,  
Vill Chacharwadi vasana, Sarkhej bavla highway,  
TA, Sanand, Dist. Ahmedabad- 382 213  
Gujarat, INDIA.  
Teli: +91 2717 294247 / 7817 013055  
+91 9979317523  
Websight: www.jaydinesh.com

## **15. Regulatory Information**

The product listed on this msds has been classified in accordance with the hazard criteria of the government controlled products regulations. this msds contains all information required by those regulations.

## **16: Other Information :**

The responsibility to provide a safe orkplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice Pcedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations.