



Shree Jay Ambe

Jay Dinesh Chemicals
Quality is Priority

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

SAFTEY DATA SHEET

Ammonium Molybdate

1 Identification

Product identifier

Trade name: Ammonium Molybdate

CAS Number: 12054-85-2

EC number: 234-722-4

Application of the substance / the mixture

Laboratory chemicals, Industrial & for professional use only.

Details of the supplier of the safety data sheet

Manufacturer/Supplier

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

Information department

Customer Service Department - Jay Dinesh Chemicals

Contact: Mis. Jyoti. Chauhan.

e-mail: exports@jaydinesh.com

Emergency telephone number

During normal opening time:- +917878730626

2 Hazard(s) Identification

Classification of the substance or mixture

Skin corrosion/irritation Category 2	H315 Causes skin irritation
Serious eye damage/eye irritation Category 2A	H319 Causes serious eye irritation
Specific target organ toxicity (single exposure) Category 3	H335 May cause respiratory irritation
Hazardous to the aquatic environment - Acute Hazard Category 3	H402 Harmful to aquatic life

Label elements

GHS label elements

The substance is classified and labeled according to the Globally Harmonized System (GHS).



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Hazard pictograms**Signal word:** Warning**Hazard statements**

H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H402	Harmful to aquatic life

Precautionary statements

P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P271	Use only outdoors or in a well-ventilated area
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell

Supplemental Hazard Statements

none

Other hazards**Lachrymator****3 Composition/information on ingredients****Chemical characterization: Substances****CAS No. Description** :12054-85-2**EC number:**234-722-4**4 First-Aid Measures****Description of first aid measures**

After inhalation: Remove victim from contaminated atmosphere. If breathing is labored, administer Oxygen. If breathing has ceased, clear airway and start CPR. Obtain medical attention.

After skin contact: Immediately flush with large quantities of water. Remove contaminated clothing under a safety shower. Continue rinsing. Obtain medical attention if irritation persists.

After eye contact: Immediately flush with large quantities of water for 15 minutes. Hold eyelids apart during irrigation to ensure thorough flushing of the entire area of the eye and lids. Obtain medical attention if irritation

After swallowing: If symptoms persist consult doctor.

Information for doctor:

Most important symptoms and effects, both acute and delayed No further relevant information available.



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Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-Fighting Measures

Extinguishing media

Suitable extinguishing agents:

Not flammable, use media suitable for combustibles involved in fire.

Special hazards arising from the substance or mixture: Evolution of Sulfur dioxide vapors, a severe respiratory irritant. Product is corrosive to skin and eyes.

Advice for firefighters

Protective equipment: Firefighters should wear self-contained breathing apparatus (SCBA) and full fire-fighting turnout gear. Keep containers/storage vessels in fire area cooled with water spray. Heating this product will evolve Sulfur dioxide, a severe respiratory irritant.

6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear chemically protective gloves, lab coat or apron to prevent prolonged or repeated skin contact

Environmental precautions: Evacuate unnecessary personnel.

Methods and material for containment and cleaning up:

Small Release: Confine and absorb small releases on sand, earth or other inert absorbents. Shovel up absorbed material and place in drums for disposal as a chemical waste.

Large Release: Shut off release if safe to do so. Dike spill area with earth, sand or other inert absorbents to prevent runoff into surface waterways (potential aquatic toxicity), storm drains and sewers. Recover as much of the spilled product using portable pump and hoses. Use as originally intended or dispose of as a chemical waste. Treat remaining material as a small release (above).

7 Handling and Storage

Handling:

Precautions for safe handling

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.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities



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Storage

Requirements to be met by storerooms and receptacles: Store in cool, dry conditions and well ventilated area.

Information about storage in one common storage facility: Do not store together with acids.

Further information about storage conditions: Keep receptacle tightly sealed. Store in cool, dry conditions in well sealed receptacles.

Specific end use(s) No further relevant information available.

8 Exposure Controls/Personal Protection

Additional information about design of technical systems: No further data; see item 7.

Control parameters

Components with limit values that require monitoring at the workplace: Not required.

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be

Eye protection:



Tightly sealed goggles



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9 Physical and Chemical Properties

Information on basic physical and chemical properties

General Information

Appearance:	White powder
Odor:	Odorless
Odor threshold :	No data available
pH-value:	No data available
Change in condition	
Melting point/Melting range:	No data available
Boiling point/Boiling range:	No data available
Specific gravity / density	2.276 g/cm ³
Flash point:	Not applicable.
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	
Decomposition temperature:	75 °C
Auto igniting:	Not determined
Danger of explosion:	No data available
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor pressure:	Not determined.
Density at 20 °C (68 °F):	Not determined.
Relative density:	No data available
Vapor density:	Not determined.
Evaporation rate:	Not applicable.
Solubility in / Miscibility with Water:	Water: 63.5 g/100ml
Partition coefficient (n-octanol/water):	Not applicable.
Viscosity:	No data available



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10 Stability and Reactivity

Reactivity

Chemical stability : Not established.

Thermal decomposition / conditions to be avoided: This is a stable product under normal (ambient) temperature and pressure.

Possibility of hazardous reactions: Not established.

Conditions to avoid: Direct sunlight. Extremely high or low temperatures

Incompatible materials: No data available.

Hazardous decomposition products: Gaseous ammonia.

11 Toxicological Information

Information on toxicological effects

Acute toxicity:	Not classified
Primary irritant effect:	
on the skin:	Irritation
on the eye:	Strong irritant with the danger of severe eye injury.
Sensitization:	No sensitizing effects known.
Additional toxicological information:	
Carcinogenic categories	
IARC (International Agency for Research on Cancer):	Substance is not listed.
NTP (National Toxicology Program):	Substance is not listed.
OSHA-Ca (Occupational Safety & Health Administration) :	Substance is not listed.

12 Ecological Information

Toxicity

Aquatic toxicity:	No further relevant information available.
Persistence and degradability:	No further relevant information available.
Behavior in environmental systems	
Bioaccumulative potential:	No further relevant information available.
Mobility in soil:	No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water



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Do not allow undiluted product or large quantities of it to reach

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects: No further relevant information available.

13 Disposal Considerations (non-mandatory)

Waste treatment methods

Recommendation:

Must not be disposed of together with household garbage. Do not allow

Uncleaned packagings

Recommendation: Disposal must be made according to official regulations

14 Transport Information (non-mandatory)

UN-Number	
DOT, ADR, ADN, IMDG, IATA	Void
UN proper shipping name	
DOT, ADN, IMDG, IATA	Void
ADR	Void
Transport hazard class(es)	
DOT	
Class	Void
ADR, ADN, IMDG, IATA	
Class	Not restricted for transport
Packing group	
DOT, ADR, IMDG, IATA	Void
Environmental hazards	
Marine pollutant	No
Special precautions for user	Not applicable.
UN "Model Regulation"	Void

15 Regulatory Information (non-mandatory)

substance or mixture

Section 355 (extremely hazardous substances): Substance is not listed.



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Section 313 (Specific toxic chemical listings):	Substance is not listed.
TSCA (Toxic Substances Control Act):	Substance is listed.
Proposition 65	
Chemicals known to cause cancer:	Substance is not listed.
Chemicals known to cause reproductive toxicity for females:	Substance is not listed.
Chemicals known to cause reproductive toxicity for males:	Substance is not listed.
Chemicals known to cause developmental toxicity:	Substance is not listed.
Carcinogenic categories	
EPA (Environmental Protection Agency):	Substance is not listed.
TLV (Threshold Limit Value established by ACGIH):	Substance is not listed.
NIOSH-Ca (National Institute for Occupational Safety and Health):	Substance is not listed.
GHS label elements:	The substance is classified and labeled according to the
Hazard pictograms	
	
GHS05	
Signal word:	Danger
Hazard statements:	Causes serious eye damage.
Precautionary statements:	Wear eye protection / face protection.If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.Immediately call a POISON CENTER/doctor.
Chemical safety assessment:	A Chemical Safety Assessment has not been carried out.

16 Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing SDS: Quality Control Department

Contact: Mis Jyoti. Chauhan.

e-mail: exports@jaydinesh.com

Date of preparation / last revision 04/18/2019 / -

Abbreviations and acronyms:



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GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Data compared to the previous version altered.

Revision Information: 01/2016, Sections 1, 2 revised - Information department and GHS label.

Revision Information: 01/2017, Added new ABCT Logo