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OMKAR Speciality Chemicals Limited

MATERIAL SAFETY DATA SHEET SODIUM MOLYBDATE

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

IDENTIFICATION OF SUBSTANCE	SODIUM MOLYBDATE
NAME OF THE MANUFACTURER	OMKAR SPECIALITY CHEMICALS LTD.
ADDRESS FOR CORRESPONDENCE	F-24, MIDC, Badlapur (E), Dist.Thane - 421503 State: Maharashtra (India)
TEL.NO.:	91-251-2690651
FAX NO.:	91-251-2691572
EMAIL ID:	info@omkarchemicals.com / omkarchem@vsnl.com

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS#	Chemical Name	%	EINECS	Haz Symbols
10102-40-6	SODIUM MOLYBDATE(VI) DIHYDRATE	99+%	2315517	unlisted

Hazard Symbols: XI
Risk Phrases: 36/37/38

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Irritating to eyes, respiratory system and skin.

Potential Health Effects

Eye : Causes eye irritation.

Skin : Causes skin irritation.

Ingestion: May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.

Inhalation: Causes respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

Chronic: Not available.

SECTION 4 - FIRST AID MEASURES

Eyes : Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin : Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Get medical aid. Wash mouth out with water.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician:



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SECTION 5 - FIRE FIGHTING MEASURES

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

SECTION 7 - HANDLING and STORAGE

Handling: Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

Storage: Store in a cool, dry place. Store in a tightly closed container.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls: Use adequate ventilation to keep airborne concentrations low.
Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Crystalline powder

Color: white

Solubility in water: soluble

Specific Gravity/Density: 3.2800g/cm³

Molecular Formula: MoNa₂O₄.2H₂O

Molecular Weight: 241.95

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Not available.

Conditions to Avoid: Not available.

Incompatibilities with Other Materials: Not available.

Hazardous Decomposition Products: Sodium oxide.

Hazardous Polymerization: Has not been reported.



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SECTION 11 - TOXICOLOGICAL INFORMATION

RTECS#:

CAS# 10102-40-6: QA5085000

LD50/LC50: Not available.

Carcinogenicity:

SODIUM MOLYBDATE(VI) DIHYDRATE -

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

See actual entry in RTECS for complete information.

SECTION 12 - ECOLOGICAL INFORMATION

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

SECTION 14 - TRANSPORT INFORMATION

	US DOT	Canada TDG
Shipping Name:	Not Regulated	Not Regulated
Hazard Class:		
UN Number:		
Packing Group:		

SECTION 15 - REGULATORY INFORMATION

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: XI

Risk Phrases: R 36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases: S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 10102-40-6: 1

United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits

Canada

None of the chemicals in this product are listed on the DSL/NDSL list.

CAS# 10102-40-6 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits

CAS# 10102-40-6: OEL-AUSTRALIA:TWA 10 mg(Mo)/m³

OEL-BELGIUM:TWA 10 mg(Mo)/m³

OEL-DENMARK:TWA 10 mg(Mo)/m³

OEL-FRANCE:TWA 5 mg(Mo)/m³;STEL 10 mg(Mo)/m³ JAN9

OEL-GERMANY:TWA 15 mg(Mo)/m³

OEL-THE NETHERLANDS:TWA 10 mg(Mo)/m³

OEL-THE PHILIPPINES:TWA 15 mg(Mo)/m³

OEL-SWEDEN:TWA 10 mg(Mo)/m³ (total dust)

OEL-SWEDEN:TWA 5 mg(Mo)/m³ (resp. dust)

OEL-SWITZERLAND:TWA 10 mg(Mo)/m³

OEL-TURKEY:TWA 15 mg(Mo)/m³

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OEL-UNITED KINGDOM:TWA 10 mg(Mo)/m³;STEL 20 mg(Mo)/m³
OEL IN BULGARIA, COLOMBIA, JORDAN, KOREA check ACGIH TLV
OEL IN NEW ZEALAND, SINGAPORE, VIETNAM check ACGI TLV

US FEDERAL

TSCA

CAS# 10102-40-6 is not listed on the TSCA inventory.

It is for research and development use only.

SECTION 16 - ADDITIONAL INFORMATION

THIS DOCUMENT IS INTENDED ONLY AS A GUIDE TO THE APPROPRIATE PRECAUTIONARY HANDLING OF MATERIAL BY A PERSON TAILED IN CHEMICAL HANDLING. THE USER IS RESPONSIBLE FOR A DETERMING THE PRECAUTIONS & DANGERS OF THIS CHEMICAL FOR HIS OR HER PARTICULAR APPLICATION DEPENDING ON USAGE. ADEQUATE PROTECTIVE CLOTHING, INCLUDING EYE / FACE GUARDS, APPROVED RESPIRATORS MUST BE USED TO AVOID CONTACT WITH THE MATERIAL OR BREATHING CHEMICAL VAPOURS / FUMES.

EXPOSURE TO THIS PRODUCT MAY CAUSE ADVERSE HEALTH EFFECTS. THIS CHEMICAL MAY INTERACT WITH OTHER SUBSTANCES. SINCE THE POTENTIAL USES ARE SO VARIED, M/S. OMKAR SPECIALITY CHEMICALS LTD. CANNOT WARN OF ALL OF THE POTENTIAL DANGERS OF USE OR INTERACTION WITH CHEMICALS OF MATERIALS. M/S. OMKAR SPECIALITY CHEMICALS LTD. WARRANTS THAT, THE CHEMICAL MEETS THE SPECIFICATIONS SET FORTH ON THE TEST REPORT.

M/S. OMKAR SPECIALITY CHEMICALS LTD. DISCLAIMS ANY OTHER WARRANTIES EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR PURPOSE.

THE USER SHOULD RECOGNISE THAT, THIS PRODUCT CAN CAUSE SEVERE INJURY, ESPECIALLY IF IMPROPERLY HANDLED OR THE KNOWN DANGERS OF USE ARE NOT HEDED.

READ ALL PRECAUTIONARY INFORMATIONS.