

Material Safety Data Sheet

Version 1.8

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Phenolic Resin MP-331, MP-332, MP-333
Company	Eastluck International Chemicals (Beijing) Co., Ltd. International Harbor Building D, Room 2702, No.2 Wu, Dong San Huan, North Road, 100027 Chaoyang District, Beijing, China
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2. HAZARDS IDENTIFICATION

EMERGENCY

May cause irritation to skin, eyes, and respiratory system.

POTENTIAL HEALTH EFFECTS

Ingestion: Causes gastrointestinal tract burns. May be harmful if swallowed.

Chronic: No information found.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product Name	CAS #	EINECS/ELINCS
Phenolic Resin MP-331, MP-332, MP-333	25085-50-1	None
Formula	C ₁₀ H ₁₄ O; [C ₈ H ₈ O ₂] _n	
Molecular Weight	150.22	

4. FIRST AID MEASURES

AFTER INHALATION

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician. In case of indisposition or prolonged exposure, seek medical attention.

AFTER SKIN CONTACT

In case of contact, immediately wash skin with soap and copious amounts of water. Do not use organic solvent.

AFTER EYE CONTACT

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

AFTER INGESTION

If swallowed, do not induce vomiting. Get medical aid immediately. Call a poison control center.

Notes to Physician: Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Use foam, dry chemical, or carbon dioxide.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Wear self-contained breathing apparatus in pressure-demand and MSHA/NIOSH (approved or equivalent) protective gear to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Remove ignition source and exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust. Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

METHODS FOR CLEANING UP

Vacuum or sweep up material and place into a suitable disposal container. Ventilate area and wash spill site after material pickup is complete.

ENVIRONMENTAL PRECAUTIONS

Keep away from drains, surface, groundwater and soil. Alert the authorities.

7. HANDLING AND STORAGE

HANDLING

Directions for Safe Handling: Avoid formation of dust. Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Use appropriate safety articles as necessary when handling material.

STORAGE

Conditions of Storage: Keep tightly closed, in a cool, dry area away from incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL HYGIENE MEASURES

Wash thoroughly after handling.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). At high temperatures, use an approved respirator for organic vapors. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks.

Hand Protection: Protective gloves.

Eye Protection: Chemical safety goggles.

Body protection: Coverall aprons, boots.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Physical State: Solid flakes
Color: White to light beige
Odor: None

Property	Value	At Temperature or Pressure
pH	7	10 g/L water
Vapor Pressure	13 hPa	115°C
Vapor Density	N/A	
Evaporation Rate	N/A	
Boiling Point	236-238°C	760mm Hg
Flash Point	113°C	Method: closed cup
Flammability	N/A	
Auto-ignition Temp.	510°C	
Viscosity	N/A	
Decomposition Temp.	N/A	
Solubility	8.7 g/L	20°C water
Specific Gravity	9080 g/cm ³	

10. STABILITY AND REACTIVITY

STABILITY

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Heat, static discharge, incompatible materials, dust generation.

Materials to Avoid: Bases, metals, acid chlorides, acid anhydrides.

11. TOXICOLOGICAL INFORMATION

SENSITIZATION

Skin: May cause allergic skin reaction.

TOXICITY DATA

LD50>500 mg/kg, not a toxicological item.

ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

12. ECOLOGICAL INFORMATION

COTOXICITY

Fish: Fathead Minnow: LC50 = 5.1 mg/L; 96 Hr

Unspecified: Water flea Daphnia: EC50 = 4.2 mg/L; 24 Hr

Unspecified bacteria: Phytobacterium phosphoreum: EC50 = 0.21 mg/L; 5 min

Microtox test: No data available

Environmental: No data available

Physical: No data available

Other: Do not empty into drains

13. DISPOSAL CONSIDERATIONS

SUBSTANCE DISPOSAL

Contact a licensed professional waste disposal service to dispose of this material. Do not discharge into waterways or sewer systems without proper authority. Chemical waste generators must determine whether a discarded chemical is classified. Additionally, waste generators must consult state and local waste regulations to ensure complete and accurate classification. Observe all federal, state, and local environmental regulations.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

14. TRANSPORT INFORMATION

This substance is considered to be non-hazardous for transport via air, sea and road freight.

15. REGULATORY INFORMATION

U.S. REGULATIONS:

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules: None of the chemicals in this product are under a Chemical Test Rule.

Section 12b: None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

16. OTHER INFORMATION

WARRANTY

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.

The purpose of this safety data sheet is to describe the products in terms of their safety requirements. It does not represent any guarantee of the properties of the product.

DISCLAIMER

For R&D use only. Not for drug, household or other uses.