

Material Safety Data Sheet

NFPA Rating: Health: 1 Flammability: 1 Instability: 0
HMIS Rating: Health: 1 Flammability: 1 Physical Hazard: 0 Personal Protection: X

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: MPP
Product Number: 7559606
Intended Use: Flame Retardant
Manufacturer/Supplier: Dongguan Baoxu Chemical Technology Ltd
Caijing Business Bldg Dongguan CN 523071
Emergency Telephone +1(213) 632-9361 between 0800-1700 (GMT-8)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Signal Word: NOTICE!
Physical Form: Solid
Color: White
Odor: None
Health: This product may cause eye and respiratory irritation. It may cause skin irritation through mechanical action. Ingestion of large amounts may cause abdominal pain..
Physical Hazards: Refer to MSDS Section 7 for Dust Explosion information. .
Environmental: Not evaluated. Releases to the environment are to be avoided.

OSHA Hazardous Substance: This material is classified as not hazardous under OSHA regulations.

Primary Route(s) of Entry: Ingestion, Skin, Inhalation, Eyes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

NON-HAZARDOUS COMPONENTS

Components	CAS Number	Weight %
Melamine-polyphosphate	218768-84-4	1 - 100

4. FIRST AID MEASURES

Eyes:	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin:	Wash off immediately with soap and plenty of water. Get medical attention if irritation occurs.
Inhalation:	Remove to fresh air, if not breathing give artificial respiration. If breathing is difficult, give oxygen and get immediate medical attention.
Ingestion:	Do not induce vomiting. If vomiting occurs naturally, have casualty lean forward to reduce the risk of aspiration. Seek medical attention immediately.
Notes to physician:	None known.

5. FIRE FIGHTING MEASURES

Fire Fighting Measures:	Standard procedure for chemical fires.
Suitable Extinguishing Media:	Carbon dioxide, dry chemical, foam or water mist.
Fire Fighting Equipment:	Wear self-contained breathing apparatus and protective suit.
Unusual hazards:	The product can form an explosive dust/air mixture. For further information, see Section 7 Explosion Hazards.
Hazardous Combustion Products:	Burning may produce toxic combustion products.

6. ACCIDENTAL RELEASE MEASURES

Cleanup Instructions:	Sweep up and shovel into suitable containers for disposal. Avoid dust formation. Wear suitable protective equipment. Should not be released into the environment.
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7. HANDLING AND STORAGE

Handling:	As with all industrial chemicals, use good industrial practices when handling. Avoid eye, skin, and clothing contact. Do not inhale. Do not taste or swallow. Use only with adequate ventilation.
Storage:	Keep containers tightly closed in a cool, well-ventilated place.

Explosion Hazards:

Danger! Explosion Risk

- Combustible powder.
- Risk of explosion if an air-dust mixture forms.
- Avoid creating dusty conditions.
- Empty only into grounded containers.
- If container is larger than 550 gallons (2m3) or if flammable solvents are present, the container must be inerted or the system otherwise designed to prevent or contain an explosion. Seek expert advice.

In addition, for products packaged in fused-lined (coated) fiber drums, fiber drums with conductive liners, steel drums, steel pails, and Type "C" FIBC (bulk bags), the following instructions also apply:

- Always ground this package before emptying.

The user is responsible for designing the system to handle solid and ensuring proper training of employees in the system's use.

For Industrial Use Only

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

There are no OSHA or ACGIH exposure guidelines available for component(s) in this product.

Personal Protective Equipment

Eye/Face Protection: Wear safety glasses or goggles to protect against dust particles.

Skin Protection: Wear chemical resistant gloves and protective clothing.

Respiratory Protection: Use NIOSH approved respirator as needed to mitigate exposure.

Engineering Controls: Work in well ventilated areas. Do not breathe dust.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Solid
Color:	White
Odor:	None.
Freezing/Melting Point:	> 300°C (572°F) (decomposes)
Solubility in water:	< 100 mg/L Water
Vapor Density:	Not applicable
Vapor Pressure:	Not applicable
Density:	Not determined
Specific Gravity:	Not applicable
pH:	5
Percent Volatile:	Not determined
VOC:	Not determined
Partition Coefficient (Octanol/Water):	Not determined
Decomposition Temperature:	Not determined
Flammability Limits in Air:	
Flash point:	Not applicable
Test Method (for Flash Point):	Not applicable

10. STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to Avoid:	Avoid static discharge.
Incompatibility:	Strong oxidizing agents, strong acids, strong bases.
Hazardous Decomposition Products:	No decomposition expected under normal storage conditions.
Possibility of Hazardous Reactions:	None expected.

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:

218768-84-4 Melamine-polyphosphate	(Rats) LD50 > 2000 mg/kg
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Acute Dermal Toxicity:

218768-84-4 Melamine-polyphosphate	Not determined
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Acute Inhalation Toxicity:

218768-84-4 Melamine-polyphosphate	May cause respiratory irritation.
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Eye Irritation:

218768-84-4 Melamine-polyphosphate	Slight Irritant.
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Skin Irritation:

218768-84-4 Melamine-polyphosphate	Slight Irritant.
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Skin Sensitization:

218768-84-4 Melamine-polyphosphate	Not expected to cause sensitization. (based on chemical structure)
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Carcinogenicity (IARC; NTP; OSHA; ACGIH):

None of the components in this product at concentrations greater than 0.1% are listed by IARC; NTP, OSHA or ACGIH as a carcinogen.

Mutagenicity:

218768-84-4 Melamine-polyphosphate	Not determined
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Reproductive Toxicity:

218768-84-4 Melamine-polyphosphate	Not determined
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Teratogenicity:

218768-84-4 Melamine-polyphosphate	Not determined.
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Neurotoxicity:

218768-84-4 Melamine-polyphosphate	Not determined
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Subacute Toxicity:

218768-84-4 Melamine-polyphosphate	Not determined
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Subchronic Toxicity:

218768-84-4 Melamine-polyphosphate	Not determined
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Chronic toxicity:

218768-84-4 Melamine-polyphosphate	Not determined
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**Absorption / Distribution /
Excretion / Metabolism:**

218768-84-4 Melamine-polyphosphate	Not determined
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Additional Information:

218768-84-4 Melamine-polyphosphate	Not determined
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12. ECOLOGICAL INFORMATION

Toxicity to Fish:

218768-84-4 Melamine-polyphosphate	Fish toxicity: LC50 > 100 mg/l (96 Hr)
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Toxicity to Invertebrates:

218768-84-4 Melamine-polyphosphate	(Daphnia magna) 48 hour LC50: > 100 mg/L
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Toxicity to Algae:

218768-84-4 Melamine-polyphosphate	Not determined
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Toxicity to Sewage Bacteria:

218768-84-4 Melamine-polyphosphate	Not determined
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**Activated Sludge Respiration
Inhibition Test:**

218768-84-4 Melamine-polyphosphate	Not determined
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Biochemical Oxygen Demand (BOD):

218768-84-4 Melamine-polyphosphate	Not determined
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Chemical Oxygen Demand (COD):

218768-84-4 Melamine-polyphosphate	Not determined
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Total Oxygen Demand (TOD):

218768-84-4 Melamine-polyphosphate	Not determined
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Biodegradability:

218768-84-4 Melamine-polyphosphate	Inherently biodegradable
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Bioaccumulation:

218768-84-4 Melamine-polyphosphate	Not expected to bioaccumulate.
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Additional Environmental Data:

218768-84-4 Melamine-polyphosphate	Not determined
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13. DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose in accordance with local, state, provincial and federal regulations.

14. TRANSPORT INFORMATION

U.S. Department of Transportation (DOT):

Not regulated for this mode of transport.

International Maritime Dangerous Goods (IMDG):

Not regulated for this mode of transport.

International Air Transportation Authority (IATA):

Not regulated for this mode of transport.

15. REGULATORY INFORMATION

Federal Regulations

OSHA Hazardous Substance: This material is classified as not hazardous under OSHA regulations

Clean Air Act - Hazardous Air Pollutants (HAP): This product does not contain any Hazardous Air Pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

Clean Air Act - Volatile Organic Compounds (VOC): This product does not contain any SOCOMI Intermediate or Final Volatile Organic Compounds (VOC), as defined by the U.S. Clean Air Act Section 111 (40 CFR 60.489).

Clean Air Act - Ozone Depleting Substances (ODS): This product neither contains, nor was manufactured with, a Class I or Class II ozone depleting substance (ODS), as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App. A+B).

Clean Water Act - Priority Pollutants (PP): This product does not contain any priority pollutants listed under the U.S. Clean Water Act Section 307 (2)(1) Priority Pollutant List (40 CFR 401.15).

Resource Conservation and Recovery Act (RCRA): Not a hazardous waste under RCRA (40 CFR 261.21).

SARA Section 302 Extremely Hazardous Substances (EHS): This product does not contain any components regulated under Section 302 (40 CFR 355) as Extremely Hazardous Substances.

SARA Section 304 CERCLA Hazardous Substances: This product does not contain any components regulated under Section 304 (40 CFR 302) as hazardous chemicals for emergency release notification ("CERCLA" List).

SARA Section 311/312 Hazard Communication Standard (HCS): This product is not regulated under Section 311/312 HCS (40 CFR 370).

SARA Section 313 Toxic Chemical List (TCL): This product does not contain any component(s) listed on the Section 313 Toxic Chemical List.

TSCA Section 8(b) Inventory Status: All component(s) comprising this product are either exempt or listed on the TSCA inventory.

TSCA Section 5(e) Consent Orders: This product is not subject to a Section 5(e) Consent Order.

TSCA Significant New Use Rule (SNUR): This product is not subject to a Significant New Use Rule (SNUR).

TSCA Section 5(f): This product is not subject to a Section 5(f)/6(a) rule.

TSCA Section 12(b) Export Notification: This product does not contain any component(s) that are subject to a Section 12(b) Export Notification

State Regulations

California Proposition 65: This product does not contain any components currently on the California list of Known Carcinogens and Reproductive Toxins.

Pennsylvania Right-To-Know: This product does not contain any components that are subject to the Pennsylvania Right-To-Know disclosure requirement.

International Regulations

Chemical Weapons Convention (CWC): This product does not contain any component(s) listed under the Chemical Weapons Convention Schedule of Chemicals.

Domestic Substance List (DSL) Status: Not all components are listed on the DSL.

16. OTHER INFORMATION

Disclaimer: The information contained herein is based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to such data or information. The user is responsible for determining whether the product is suitable for its intended conditions of use.