



**M & M Inter Company limited**

**บริษัท เอ็มแอนด์เอ็ม อินเตอร์ จำกัด**

25/7 หมู่ที่ 1 ตำบลคลองโยง อำเภอพุทธมณฑล จังหวัดนครปฐม 73170

25/7 Moo 1 Khlongyong, Phutthamonthon, Nakornpathom 73170

Tel. 034-246247-50 Fax.034-246251

Email: info@mmintergroup.com Website: www.mmintergroup.com

## **MATERIAL SAFETY DATA SHEET**

### **1. Identification of the manufacturer**

**Product** : MM-3 (white)

**Uses of Goods** : Polishing

**Thailand Distributor** : M&M Inter Co.,Ltd.  
25/7 Moo 1 Khlongyong, Phutthamonthon,  
Nakornpathom 73170

### **2. Chemical composition**

NON-Hazardous Components

<b>Chemical Name</b>	<b>Amount</b>	<b>CAS Number</b>
Triethanolamine lauryl sulfate	10~30	Trade secret
Emulsifier TX-10	10~30	Trade secret
Boric acid	10~20	Trade secret
Citric acid	10~20	Trade secret
SDBS	10~20	Trade secret
Water	40~60	-
pH	6.5%	-

**COMPOSITION COMMENT** :This product is Non-Flammable. This product is biodegradable.

### **3. Physical And Chemical Properties**

Form : Liquid  
Color : white  
Boiling Point : >209F  
Solubility In Water : Complete  
Specific Gravity : 1.050~1.070 (water=1)



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### 4. Hazards Identification

#### EMERGENCY OVERVIEW CAUTION

May cause skin or eye irritation after repeated or Prolonged contact.

NFPA Rating-	Health	: 1
	Flammability	: 0
	Reactivity	: 0
	Special Hazard	: none
	NFPA/HMIS Definitions	: (0-least,1-slight,2-moderate,3-high,4-extreme).These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA).

#### POTENTIAL HEALTH EFFECTS

Eye	: Contact may cause eye irritation.
Skin	: Prolonged or repeated skin contact may cause irritation.
Inhalation	: No known hazards in normal industrial use.
Ingestion	: Ingestion is not considered a potential route of exposure.
Signs And Symptoms of Exposure	:If exposed areas are flushed promptly and thoroughly with water , there should be little or no harm.
Chronic Effects	: Prolonged and/or repeated contact may produce mild to moderate skin irritation.
Carcinogenicity Information	: No known cancer hazards.

### 5. First Aid Measures

Eye Contact	: Flush with water for 15 minutes. Get medical attention if irritation develops or persists.
Skin Contact	: Immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation develops or persists.
Inhalation	: Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air and provide oxygen.
Ingestion	: Get medical attention immediately. Do not induce vomiting.
Notes To Physician	: Treat patient symptomatically.



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### 6. Fire Fighting Measures

Flammable Properties	: Auto ignition	Temperature	: None
COC Flash Point	: None TCC Flash	Point	: None
Flammable Limits In Air LEL	: None	UEL	: None
Extinguishing Media	: Will not burn.		
Fire Explosion Hazards	: Material will not burn.		

### 7. Accidental Release Measures

Safeguards (Personnel)	: Wear appropriate personal protective equipment.
Initial Containment	: Contain spilled material.
Large Spills Procedure	: Flush spill area with water to wastewater treatment system. Or absorb spill with inert material (e g, dry sand or earth), then place in a chemical waste container. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.
Small Spills Procedure	: Floor may become slippery. Absorb spills with inert material. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

### 8. Stability And Reactivity

Stability	: stable
Polymerization	: Hazardous polymerization will not occur.
Incompatibility With Other Materials	: Nitrite.
Decomposition	: Decomposition will not occur if handled and stored properly.
Condition To Avoid	: This material is safe under normal storage and handling conditions.

### 9. Toxicological Information

Eye Effects	: Contact may cause eye irritation.
Skin Effects	: Contact may cause slight skin irritation.
Acute Oral Effects	: No know hazards in normal industrial use.
Acute Inhalation Effects	: No know hazards in normal industrial use.

### 10. Ecological Information

No information available.

### 11. Transport Information

Product Label	: HM3
D.O.T. Shipping Name	: Polishing Compound
D.O.T. Hazards Class	: Non-hazardous



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### **12. Disposal Considerations**

Waste Disposal	: Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements. Uncleaned empty containers should be disposed of in the same manner as the contents.
Contaminated Materials	: Wash contaminated clothing before reuse.
Container Disposal	: Clean out containers prior to disposal.

### **13. Handling and Storage**

Recommended Storage Temperature	: Minimum : 3.9c (39.0F) Maximum: 53.9c (129.0F)
Handling (Personnel)	: Avoid prolonged contact with skin or eyes.
Handling (Physical Aspects)	: Store in a cool dry area.
Storage Precautions	: Keep container closed when not in use.

### **14. Exposure controls/Personal Protection**

Engineering Controls	: No special ventilation requirements.
Eye / Face Protection	: Where contact with this material is likely, eye protection is recommended.
Skin Protection	: Wear protective gloves to minimize skin contamination.
Respiratory Protection	: Under normal use conditions, with adequate ventilation, no special handling equipment is required.
Exposure Guidelines	: Monoethanolamine OSHA TWA: 4 ppm OSHA STEL: 8ppm

### **15. Regulatory Information**

EEC Symbols and Indications of Danger	: None
WHMIS Hazard Symbols	: None
MISCELLANEOUS INFORMATION	: This material or all of its components are listed on the inventory of Existing Chemical Substances under the Toxic Substance Control Act(TSCA).

### **16. Other Information**

Equipment installation	: Ventilated area
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