

MATERIAL SAFETY DATA SHEET

OSTREM CHEMICAL CO. LTD.
2310 - 80 AVENUE
EDMONTON AB T6P 1N2

Phone: (780) 440-1911
In Case of Emergency Only:
Phone CANUTEC: (613) 996-6666

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PRODUCT NAME: MAGNUS III H.D. BATHROOM CLEANER **CODE: J557**
OTHER NAME: CONSUMER CARE™ SOAP SCUM REMOVER & BATHROOM CLEANER
DISTRIBUTED BY: CONSUMER CARE™ JANITORIAL SUPPLIES

WHMIS CLASSIFICATION: E
TDG CLASSIFICATION: Phosphoric acid solution; Class 8 (9.2); UN 1805; PG III

HAZARDOUS INGREDIENTS	%WT/WT	CAS NO.	TOXICITY DATA (LD₅₀ & LC₅₀)
Citric Acid	1-5	77-92-9	LD ₅₀ Oral (rat) >5040 mg/kg
Phosphoric Acid (As 100% Active)	10-30	7664-38-2	LD ₅₀ Oral (rat) 1530 mg/kg ACGIH TLV - 1 mg/m ³
Diethylene Glycol Monomethyl-Ether	5-10	111-90-0	LD ₅₀ Oral (rat) 10,502 mg/kg LD ₅₀ Dermal (rabbit) 9143 mg/kg

PHYSICAL DATA FOR PRODUCT

Physical State: Liquid Sp. Gravity: 1.101 pH: 1.0 1% sol. - 2.1
Boiling Point: Not Avail. Vapour Pressure: Not Avail.
Vapour Density: 3.4 Evaporation Rate: Not Avail.
Freezing Point: Not Avail.
Solubility in Water: 100%
Appearance & Odour: Red colored, with fruity odour.

FIRE AND EXPLOSION DATA FOR PRODUCT

Flash Point (Test Method): N/A
Flammable Limits in Air, % by vol. Non-flammable Lower: N/A Upper: N/A
Fire Extinguishing Substances: () Water Fog () Foam () CO₂
() Dry Chem () Other: As for surrounding fire.
Hazardous Combustion Products: Emits toxic fumes of oxides of phosphorus.

Special Firefighting Procedures: Use full protective clothing and self contained breathing apparatus.

REACTIVITY DATA FOR PRODUCT

Incompatibility: () Water (X) Oxidizing Material () Acid (X) Base
(X) Other: Contact with alkaline materials, reactive metals.
Hazardous Decomposition Products: At flame temperatures, will emit toxic phosphorus oxide fumes.

Chemical Stability: Stable.

*N/A - Not applicable.

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HEALTH HAZARD INFORMATION FOR PRODUCT

EMERGENCY and FIRST AID PROCEDURES

Inhalation: Remove from exposure. If breathing is difficult or discomfort persists, get medical attention.

Ingestion: Do not induce vomiting. Give large quantities of water, milk, egg whites or milk of magnesia. Get medical attention.

Eyes: Flush with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

Skin: Wash off with water. If irritation persists, get medical attention.

EFFECTS OF OVEREXPOSURE (Acute and Chronic)

Inhalation: Mist may cause severe irritation to eyes, throat and upper respiratory tract.

Ingestion: May cause severe burns to mouth, throat, esophagus and stomach, nausea, vomiting. Risk of stomach perforation, convulsions, and coma.

Eyes: Severe irritation; chemical burn likely. May cause permanent damage and possible blindness.

Skin: Severe irritation, corrosive to tissue.

PREVENTIVE MEASURES

Steps to be taken upon release or spillage (including neutralizing):

Dike and salvage or neutralize. Soda ash and lime are neutralizing agents.

Waste disposal method:

If material cannot be salvaged, it should be neutralized and discharged into a treatment system in accordance with all local, provincial and federal regulations.

Handling and Storage Requirements:

Store in cool, dry, well ventilated, area in closed container away from heat sources, metals and oxidizers.

Ventilation Requirements (Local or General):

Use in well ventilated area.

Respiratory Protection:

In severe exposure, use self contained breathing apparatus.

Eye Protection:

Safety glasses with sideshield.

Other Protection:

Gloves and coveralls should be worn.