Material Safety Data Sheet

Floor Polish 5 Ltr (RXSOL-13-1015-005)

1. Product and Company Identifaction

Product Name	**RXSOL-13-1015-005**
Product Type	**Floor Polish-I**

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Phone	+91 22 65113333 / 5555 / 9999 / 27611360
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	**mail@rxmarine.com , sales@tankcleaner.net/**
Website	**www.rxmarine.com/ , www.tankcleaner.net/**

2. Composition / informationon ingredients

Principle Hazardous Component(s) (chemical and common name(s))	(Cas. No)	%	OSHA PEL mg/m3	ACGIH TLV mg/m3	NTP	IARC	OSHA regulated
Sodium Metasilicate Pentahydrate	(6834-92-0)	85%	5	10	No	No	No

3. Hazards Identification

Emergency overview

Appearance	White powder
Immediate effects	Caustic, irritating to skin and mucous membranes. Ingestion causes GI upset. Potential health effects
Primary Routes of entry	Inhalation, skin and eye contact.
Signs and Symptoms of Overexposure	The dust can cause tissue damage, especially to eyes and lungs.
Eyes	May cause eye irritations or damage.
Skin	May cause skin irritation.
Ingestion	Causes GI upset.
Inhalation	May cause irritations or tissue damage to throat and lungs.
Chronic Exposure	ND
Chemical Listed As Carcinogen Or Potential Carcinogen	No

See Toxicological Information (Section11) Potential environmental effects See Ecological Information (Section 12)

4. First Aid Measures

If accidental overexposure is suspected:-

Eye(s) Contact	Flush eyes immediately with water for at least 15 minutes.Get medical attention.
Skin Contact	Flush immediately with water for at least 15 minutes. Was clothes before reuse.
Inhalation	Remove victim to fresh air. Administer oxygen if breathing is difficult.
Ingestion	See medical attention.

Note to physician

Treatment	ND
Medical Conditions generally Aggravated by Exposure	ND

5. Fire-fighting Measures

Flash Point	None
Flammable Limits	None
Auto-ignition point	ND
Fire Extinguishing Media	None
Special Fire Fighting Procedures	None
Unusual Fire and Explosion Hazards	None
Hazardous combustion products	Carbon monoxide and dioxide when burned
DOT Class	None

6. Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled : Clean up solids. Remnants may be neutralized with weak acid and absorbed for disposal.
Waste Disposal Methods : Dispose of waste according to Federal, State and Local Regulations.

7. Handling and Storage

Precautions to be Taken in Handling and Storage	Store away from high heat, avoid skin contact
Storage temperature	Room temperature.
Storage Pressure	NA

8. Exposure controls and personal protection

Engineering Controls

Ventilation required	Local exhaust.

Personal Protection Equipment

Respiratory protection	Wear dust mask
Protective gloves	Rubber or latex.
Skin protection	Wear gloves
Eye protection	Safety glasses or face shield.
Additional clothing and/or equipment	None needed.
Exposure Guidelines	See Composition/Information on Ingredients (Section2)

9. Physical and chemical properties

Appearance and Physical State	White powder.
Odor (threshold)	Mild odor.
Specific Gravity (H2O=1)	1
Vapor Pressure (mm Hg)	Nil

Vapor Density (air=1)	NA
Percent Volatile by volume	Nil
Evaporation Rate (butyl acetate=1)	NA
Boiling Point	NA
Freezing point / melting point	NA
pH	NA
Solubility in Water	NA
Molecular Weight	NA

10. Stability and reactivity

Stability	Stable
Conditions to Avoid	None
Materials to Avoid (Incompatibility)	Strong acids.
Hazardous Decomposition Products	Carbon monoxide and dioxide.
Hazardous Polymerization	

11. Toxicological information

Results of component toxicity test performed: Sodium Metasilicate Pentahydrate (6834-92-0) anhydrous material. Rat (oral) LD50: 1153 mg/Kg. Standard Draize, Skin human, 250 mg/24-hour, severe. Investigated as reproductive effectors.
Human experience: ND for product. This product does not contain any compounds listed by NTP or IARC or regulated by OSHA as a carcinogen.

12. Ecological information

Ecological Information	ND
Chemical Fate Information	ND

13. Disposal considerations

RCRA 40 CFR 261 Classification: Federal, State and local laws governing disposal of materials can differ. Ensure proper disposal compliance with proper authorities before disposal.

14. Transport information

US DOT Information	
Proper shipping name	Corrosive solid, basic, inorganic, n.o.s. (contains Sodium Metasilicate)
Hazard Class	8
Packaging group	III
UN Number	UN3262
Limitations	See 49CFR173.154(B)(2)(c).
Ground	ORM-D
IATA	
Proper shipping name	Corrosive solid, basic, inorganic, n.o.s. (contains Sodium Metasilicate)
Hazard Class	8
Packaging group	III
UN Number	UN3262
Limitations	See current IATA regulations
IMO	

Proper shipping name	Corrosive solid, basic, inorganic, n.o.s. (contains Sodium Metasilicate)
Canadian TDG	ND

15. Regulatory information

United States Federal Regulations MSDS complies with OSHA's Hazard Communication Rule 29, CFR 1910.1200.

SARA	None listed
SARA Title III	None listed
RCRA	None listed
TSCA	Sodium Metasilicate Pentahydrate (6834-92-0). Listed
State Regulations	
CERCLA	None listed.
California Proposition 65	None listed
International Regulations	
Canada WHMIS	Sodium Metasilicate Pentahydrate (6834-92-0). Listed
Europe EINECS Numbers	ND

16. Other information

Label Information : Caustic, irritating to eye, skin and mucous membranes.
European Risk and Safety Phrases : ND
European symbols needed : ND
Canadian WHMIS Symbols :
NFPA Hazard Rating: Health : 1; Fire : 0; Reactivity : 1
(0=least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)
Abbreviations used in this document
NE= Not established
NA= Not applicable
NIF= No Information Found
ND= No Data