Material Safety Data Sheet

Drain Pipe Sewer Cleaner (RXSOL-16-1057-001)

1. Product and Company Identifaction

Product Name	RXSOL-16-1057-001
Product Type	Drain Pipe sewer Cleaner

Company Details:

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

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Vizag, Fujairah, Muscat

Phone	+91 22 65113333 / 5555 / 9999 / 27611360
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Chemical Name	CAS Number	SARA-III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source
ACID Derivative	Proprietory Blend	Yes	1mg/M3	1mg/M3	d
Corroision Inhibitor Blend	Proprietory Blend				
Cationic Emulsifier Propritory	Proprietory Blend				

3. Hazards Identification

Appearance	Colorless, clear to cloudy liquid
Odour	no odor to mild acrid odor.
Contact with eyes	Corrosive.
Contact with skin	Corrosive.
Inhalation	May cause respiratory irritation. Liquid is corrosive.
Ingestion	Corrosive.

4. First Aid Measures

Eye Contact: Flush with water for 15 minutes. Seek medical attention.

Skin Contact:	Flush wi th water for 15 minutes . Seek medi cal at tent ion.
Ingestion	DO NOT INDUCE VOMI T ING. Drink large volumes of water. Get immediate medical attention.
Inhalation	Remove victim to fresh air. Get medical attention.

5. Fire-fighting Measures

- FLASH POINT AND METHOD USED:-None
- EXTINGUISHER MEDIA:-CO2 or dry chemical . Use water fog to knock down vapors.
- SPECIAL FIRE FIGHTING PROCEDURE S : Use NIOSH / MSHA approved positive pressure self-contained breathing apparatus when any material is
involved in a fire. DO NOT allow water to enter containers. Violent reaction results.

6. Accidental Release Measures

Respiratory Protection (specify type) :	Not needed in normal use and handling of product.
Protective Gloves :	Rubber
Eye Protection:	Chemical goggles and faceshield
Other Protective Clothing & Equipment :	Coveral ls, rubber apron and boots. Eyewash stat ion and safety shower .
Hygienic WorkPractices :	Avoid contact with liquid & breathing of mists or vapors. Upon contact with eyes or skin, wash off with water immediately.
Ventilation Requirements :	Normal room ventilation is usually adequate. As required to keep air concentration below PEL

7. Handling and Storage

Steps To Be Taken If Material Is Spilled Or Released:	Dike spill & soak up with inert absorbent. Shovel or sweep & place in properly labeled approved DOT container & seal for disposal in authorized legal manner. Neutralize area with soda ash & dispose of material properly.
Waste Disposal Methods:	Dispose of material according to local, state or federal regulations.
Storage	Store in original shipping containers. Keep closed when not in use. Follow label directions when using. Shelf life one year.
Other Precautios & / or Special Hazar s :	KEEP OUT OF REACH OF CHILDREN

8. Exposure controls and personal protection

FLASH POINT AND METHOD USED	None
EXTINGUISHER MEDIA:	CO2 or dry chemical . Use water fog to knock down vapors.

SPCIAL FIRE FIGHTING PROCEDURES :	Use NIOSH / MSHA approved positive pressure self-contained breathing apparatus when any material is involved in a fire. DO NOT allow water to enter containers. Violent reaction results.

9. Physical and chemical properties

Appearance:	Colorless, clear to cloudy liquid
Odor	no odor to mild acrid odor.
Boiling Point:	338ºC
Vapor Pressure:	N/A
Vapor Density (Air = 1):	3.38 Ev
Solubility in Water:	Complete
Specific Gravity (H2O=1):	1.835
Evaporation Rate	N/A
Water Reactive:	Violently

10. Stability and reactivity

- Incompatibility (Mat. to avoid)(Mat. to avoid):Solvents,oxidizers,reducing agents,combustible materials,organic materials, alkalis,powdered metals,amines,carbides,fulminates chlorates,nitrates,picrates.
- Conditions to Avoid: Heating. Water on sulfuric acid will cause splattering, fuming and evolution of heat

11. Toxicological information

Toxicological information	No experimental data available.
Inhalation	May cause respiratory irritation. Liquid is corrosive.
Contact with skin	Corrosive.
Contact with eyes	Corrosive.
CHRONIC EFFECTS:	Dermat i t is or secondary ef fects of burns, chronic over -exposure may cause tooth erosion, chronic cough.
Ingestion	Corrosive.
Medical Conditions General ly Ag gravated by Exposure	N/A

12. Ecological information

Toxicity	LC50 (Crustaceans): 40.4 mg/l/48h WGK: 1.
Persistence and degradability	Not applicable.
Bioaccumulative potential	The product has no potential for bioaccumulation.
Mobility in soil	No information available.
Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
Other adverse effects	No information available.

13. Disposal considerations

Contaminated adsorbent must be removed in sealed, plastic lined drums and disposed. Or can be diluted with plenty of water before disposal.

14. Transport information

Transport hazard class(es)	8
Packing Group	III
Environmental hazards	Not classified as a Marine Pollutant.
Special precautions for user	Corrosive.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

15. Regulatory information

R35- Causes severe burns. S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37/39- Wear suitable gloves and eye/face protection. S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

HMIS :
Health Hazard: 3
Fire Hazard: 0
Reactivity: 2
Personal Protection: j

Protective Equipment:
Gloves. Synthetic apron. Vapor and dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

16. Other information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Rx Marine International be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.