Material Safety Data Sheet

Shower Opener Gel (SOG) (RXSOL-41-8308-025)

1. Product and Company Identifaction

Product Name	**Shower Bathroom Cleaner (SBC)**
Product Type	**RXSOL-41-8308-025**

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

Phone	+91 22 65113333/ 5555 / 9999 / 27611360 / 27815540
Fax	+91 22 2781 1318 :::AOH :0091 9322594669
Email	mail@rxmarine.com

2. Composition / informationon ingredients

INGREDIENTS: OSHA PEL TLV

Organic salt mixture of various cleaner with Citric Acid (CAS 77-92-9)

3. Hazards Identification

Emergency Overview: This product is a colourless to blue liquid with a wintergreen fragrance. It is an irritant to the eyes and a mild skin irritant. If ingested, this product may be harmful..

Potential Health Effects:

Eye: Product expected to be an eye irritant.

Skin: Prolonged or repeated contact can cause irritation.

Non Corrosive to Skin: (as defined and tested in accordance with the U.S. OSHA's Hazard Communication Standard, DOT Hazardous Material Regulations, Canada's WHMIS regulations and TDG Regulations. Classified as a mild skin irritant as per the 1992 OECD Guideline for Testing of Chemicals, Number 404 "Acute Dermal Irritation/Corrosion.")

Ingestion: This product may be harmful if ingested.

Inhalation: Not a likely route of exposure due to physical properties. Product has a very low vapor pressure at room temperature and is not expected to present an inhalation hazard under ambient conditions.

Chronic Effects:

Skin: Prolonged or repeated exposure can cause drying, defatting, and dermatitis.

Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria. Not listed by IARC, NTP, or ACGIH.

4. First Aid Measures

Inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and seek medical attention.

Skin: Immediately flush with mild soap and water for 15 minutes. Seek medical attention if irritation develops. Remove contaminated clothing and launder before reuse.

Eye: Immediately flush with water for 15 minutes. Seek medical attention.

Ingestion: Do not induce vomiting. If conscious, give 3-4 glasses of water to dilute and get immediate medical care.

5. Fire-fighting Measures

Flammability: Not Flammable

Flash Point : Does not ignite

Autoignition Temperature : Not applicable

Flame Propagation or Burning Rate of Solid Materials: Not applicable

Sensitivity to Static Discharge: Not applicable

Sensitivity to Mechanical Impact: Not applicable

Extinguishing Media: Water spray, carbon dioxide, and dry chemical.

Special Fire Fighting Procedures: Evacuate personnel to a safe area. Keep containers cool with water spray. Avoid breathing decomposition products. Wear self-contained breathing apparatus and full body protection.

Hazardous Decomposition Products: Thermal decomposition may yield but not limited oxides of carbon and nitrogen. Hydrogen gas may be released upon contact with certain metals.

6. Accidental Release Measures

Leak and Spill Procedure: Collect for disposal. Clean up remaining materials from spill with suitable absorbent. Small spills may be absorbed with non-reactive absorbent (sand) and placed in suitable, covered, labeled containers.

7. Handling and Storage

Keep Out Of Reach Of Children. Keep container tightly closed. Store in fiberglass, polyethylene, or polypropylene containers. Do not store in metal containers, especially aluminum. Storage in certain metal containers at temperatures above 60°C/140°F may result in hydrogen gas evolution. Do not store at temperatures above 48°C/120°F.

8. Exposure controls and personal protection

Engineering Controls: Not normally required.

Respiratory protection: Not normally required if good ventilation is maintained. Avoid breathing vapor and/or mist. Use foaming sprayer to limit vapors or mists.

Eye protection: use chemical goggles if spraying without foaming sprayer.

Skin protection: use impervious (rubber, nitrile) gloves.

Work Hygienic Practices: The usual precaution for the handling of chemicals must be observed

9. Physical and chemical properties

Appearance	Blue viscous liquid
Specific Gravity (H2O = 1)	1.03
Solubility In Water	Soluble (100% in water)
Boiling Point	100°C/212°F
Freezing Point	-30°C
Odor	Pleasant Winter Green Fragrance
pH	2.0
Vapour Pressure (@20°C)	0.1mm Hg
% VOC	0

10. Stability and reactivity

Stability: Stable.

Conditions to Avoid: Heating above 110°C results in an exothermic decomposition with release of CO2 gas.

Incompatible Materials: Avoid contact with oxidizers. This material may be extremely hazardous in contact with chlorates or nitrates. This material is acidic. Contact with hypochlorites (e.g. chlorine bleach, sulfides, or cyanides will liberate toxic gases. Contact with alkaline materials (e.g. aqua ammonia) will generate heat.

Hazardous Decomposition Products: Thermal decomposition may yield, but not limited to oxides of carbon and nitrogen. Hydrogen gas may be released upon contact with certain metals.

Hazardous Polymerization: Will not occur.

11. Toxicological information

Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria. Not listed by IARC, NTP, or ACGIH.

Acute skin irritation/corrosion test: This product was found to be not Corrosive to the skin after 4 hours of direct skin contact.

12. Ecological information

Environmental Fate: Urea and organic salt are known to be biodegradable.

Fish, Acute Toxicity Test, OECD 203: 96 hour, LC50 >100 mg/L (rainbow trout)

13. Disposal considerations

Contain with chemical absorbent material. Do not dispose of on the land, in surface waters, or in storm drains. Small spills and waste may be flushed into a waste treatment sewer where local regulations permit. Larger quantities should be collected for reuse or consigned to a licensed hazardous waste hauler for disposal in accordance with federal, state and local regulations. All disposal must be in accordance with all federal, state and local regulations..

14. Transport information

U.S. Department of Transportation (Road or Rail): Not Regulated

Canadian T.D.G.: Not Regulated

IMO Water Transportation: Not regulated

IATA Air Transportation: Not regulated

15. Regulatory information

Occupational Health & Safety Regulations:

WHMIS Classification: Class D - Division 2B,

OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

Environmental Regulatory Lists:

SARA: Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 – None of the ingredients are listed.

Toxic Substances Control Act (TSCA): All the ingredients are listed on the Chemical Substance Inventory

Canadian DSL: All ingredients are listed.

California Prop. 65

The following components of this product are substances, or belong to classes of substances, known to the state of California to cause cancer and/or reproductive toxicity: Chemical Name: none

16. Other information

None.

This product has no established regulatory information. All regulatory information given is based on individual components of the mixture by component number. While this information and recommendations set forth herein are believed to be accurate and reliable, it is provided without warranty regarding its accuracy. Users must determine safe conditions for use and assume liability for any loss, injury, damage or expense resulting from use of this product.

N/A = Not applicable N/D = Not determined N/E = Not established