Material Safety Data Sheet

Clean Free (RXSOL-41-8382-025)

1. Product and Company Identifaction

Product Name	**Clean Free**
Product Type	**RXSOL-41-8382-025**

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

Phone	+91 22 65113333/ 5555 / 9999 / 27611360 / 27815540
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2. Composition / informationon ingredients

HAZARDOUS INGREDIENTS:	TLV	OSHA PEL
Sodium Carbonate Peroxyhydrate (CAS # 15630-89-4)	See section 8	See section 8

3. Hazards Identification

IMMEDIATE HEALTH EFFECTS

Eyes: Overexposure may cause irritation to eyes.

Skin: Prolonged and repeated contact may cause irritation to skin.

Inhalation: Inhalation may cause irritation of upper respiratory passages.

Ingestion: Single dose oral toxicity is low. Swallowing large amounts may be harmful.

PRIMARY ROUTES OF ENTRY: Eyes, skin contact/absorption, inhalation or ingestion.

SIGNS/SYMPTOMS OF OVEREXPOSURE: Gastrointestinal irritation (nausea, vomiting, diarrhea), and/or irritation to the skin, eyes, nose, throat, and respiratory tract.

TARGET ORGAN EFFECTS: Irritation of the skin and eyes. Irritation of lungs possible if mists/aerosols are inhaled.

REPRODUCTIVE/DEVELOPMENTAL INFORMATION: No data available.

CARCINOGENICITY:

NTP: Known – No; Anticipated – No OSHA: No IARC: Not classifiable as to carcinogen to humans.

LONG TERMEFFECTS: No data available.

4. First Aid Measures

EYES: Flush eyes with water for at least 15 minutes. If irritation persists, consult a physician.

SKIN: If irritation occurs, flush skin with water for at least 15 minutes. If irritation persists, consult a physician

INHALATION: If symptoms of overexposure develop, remove to fresh air. If symptoms persist, consult a physician.

INGESTION: Give 8 to 16 ounces of water to dilute substance. Do not induce vomiting. Consult a physician or local Poison Control Center. Never give anything by mouth to an unconscious person.

5. Fire-fighting Measures

FLASH POINT: >200ºF

EXPLOSIVE LIMITS: No data available.

AUTOIGNITION TEMPERATURE: No data available.

HAZARDOUS PRODUCTS OF COMBUSTION: Product is not flammable. Use after, carbon dioxide, dry powder or other media appropriate for materials actually involved in fire.

EXTINGUISHING MEDIA: Water spray, foam, dry chemical powder of carbon dioxide.

FIRE FIGHTING INSTRUCTIONS: None.

6. Accidental Release Measures

Sweep up for reuse when possible. 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.

7. Handling and Storage

Store out of reach of children. Keep container closed. Store in a cool, dry location. Avoid freezing or extended storage in high temperatures and away from strong oxidizers and acid products.

8. Exposure controls and personal protection

Ventilation System: Room ventilation is normally satisfactory. Mechanical assist may be required when vapors or mist are generated.

Personal Respirators: Respirator recommended if product is misted. Use NIOSH/MSHA approved respiratory protection.

Skin Protection: Rubber gloves are recommended & other clothing that will prevent contact with this product.

Eye Protection: Use safety glasses.

Exposure Limit Values:

Authorized limit Values: Particulates not otherwise classified (PNOC)

TLV deg ACGIH-USA (2002): Inhalable 10 mg/m3 TWA Respirable 3 mg/m3 TWA

OSHA PEL: Inhalable 15 mg/m3 TWA Respirable 5 mg/m3 TWA

SAEL (Vendor Acceptable Exposure Limit)

Sodium Carbonate Peroxyhydrate

SAEL (Vendor Acceptable Exposure Limit): 5 mg/m3 TWA

ACGIH and TLV are registered trademarks of the American Conference of Governmental Industrial Hygienists.

SAEL is Vendor Acceptable Exposure Limit, Time-Weighted Average for 8-hour workdays. No Specific TLV-STEL (Short Term Exposure Level) has been set. Excursions in exposure level may exceed 3 times the TLV-TWA for no more than a total of 30 minutes during a workday and under no circumstances should they exceed 5 times the TLV-TWA.

9. Physical and chemical properties

Odor	Slight odor
Physical State	White granular powder.
pH RTU	9.8 to 10.2

Bulk Density	N/D
Boiling Point	N/D
Freezing/Melting Point	N/E
Vapor Pressure	N/D
Vapor Density	N/D
Solubility in Water	Complete

10. Stability and reactivity

CHEMICAL STABILITY: Stable.

CONDITIONS TO AVOID: None with proper storing and handling.

MATERIALS TO AVOID: Strong acids and oxidizing materials.

HAZARDOUS DECOMPOSITION: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids and other unidentified thermal decomposition products from this product or its packaging.

HAZARDOUS POLYMERIZATION: Will not occur.

11. Toxicological information

ROUTES OF EXPOSURE: Skin absorption, eye contact, inhalation, and ingestion.

CARCINOGENICITY:

NTP: Known – No; Anticipated – No OSHA: No

IARC: Not classifiable as to carcinogenicity to humans.

TERATOGINICITY, MUTAGENICITY, OR OTHER REPRODUCTIVE EFFECTS: No data available.

CONDITIONS AGGREVATED BY EXPOSURE: No data available.

SYNERGISTICMATERIALS: No data available.

Sodium Carbonate Peroxihydrate

Acute toxicity:

Inhalation: LC50, 1 hour, rat, >4580 mg/m3.

Oral: LD50, rat (combined sexes), 1034 mg/kg.

Dermal: LD50 lo, rabbit, >2000 mg/kg.

Irritation:

Rabbit, Severe damage (eyes).

Rabbit, Slight irritant (skin).

Sensitization: No sensitization was noted when administered as a 75% w/v

induction and as a 25% w/v mixture at challenge.

12. Ecological information

Sodium Carbonate Peroxihydrate

Acute ecotoxicity:

Fish, Pimephales promelas; LC50, 70.7 mg/L.

Fish, Pimephales promelas; NOEC, 96 hours, 1 mg/L.

Crustaceans, Daphnia pulex; EC50, 4.9 mg/L.

Crustaceans, Daphnia pulex; NOEC, 48 hours, 1 mg/L.

Chronic ecotoxicity: No data.

Mobility:

Air - Not applicable.

Water- Considerable solubility and mobility.

Soil/sediments - Non-significant adsorption.

13. Disposal considerations

Do not dispose of on the land, in surface waters, or in storm drains. Small spills and waste may be reused or 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

No restrictions for Ground, Air, or Maritime Transportation in accordance with 49 CFR parts 100-185.

15. Regulatory information

US FEDERAL REGULATIONS

TSCA Status: The intentional components of this product are listed.

SARA - Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 –Glycol Ether DB Listed.

CERCLA Reportable Quantities – 40CFR355 APPENDIX A: None.

16. Other information

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.

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

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