Material Safety Data Sheet

Lead Safe Lead Dust Cleaner (RXSOL-41-8987-025)

1. Product and Company Identifaction

Product Name	Lead Safe Lead Dust Cleaner
Part Number	RXSOL-41-8987-025

Company Details:

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

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

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Email	mail@rxmarine.com
Website	www.rxmraine.com

2. Composition / informationon ingredients

Chemical Name	Cas No	Weight
Tetrasodium Iminodisuccinate	144538-83-0	5-10
Alkyl Polyglucosides	68515-73-1	0-5
Sodium Octanesulfonate	5324-84-5	1-5
Citric Acid	77-92-9	1-2
Fragrance	N/A	0-1
Dye	N/A	0.1
Water	7732-18-5	95-99

3. Hazards Identification

Signal Word	Warning
GHS Label Statements	
Hazard Statements	Causes eye irritation.
GHS Classifications	
Health	Eye Irritation, Category 2B
PRECAUTIONARY STATEMENTS	
Prevention	Wash hands thoroughly after handling. Do not get in eyes, on skin, or on clothing. Keep out of reach of children.
Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Storage	Store in a closed container.
Disposal	Dispose of contents/container in accordance with all local, state, and federal regulations.
EMERGENCY OVERVIEW	
Physical appearance	Green liquid
Immediate concerns	Mild eye irritant.
POTENTIAL HEALTH EFFECTS	
Eyes	Contact may cause mild eye irritation.
Skin	May be mildly irritating with prolonged or repeated contact.

Skin absorption	None expected
Ingestion	Although of moderate to low toxicity, ingestion of large amounts can cause gastrointestinal irritation, nausea, vomiting, diarrhea.
REPRODUCTIVE TOXICITY	
Reproductive effects	No known significant effects or critical hazards.
Teratogenic effects	No known significant effects or critical hazards.
Carcinogenicity	No listed substance.
Mutagenicity	No known significant effects or critical hazards.
Routes of entry	Ingestion, eye.
Warning caution labels	None
Physical hazards	None expected.

4. First Aid Measures

Eyes	Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.
Skin	Wash with soap and water. Get medical attention if irritation develops or persists.
Inhalation	Remove victim to fresh air and monitor. Seek medical advise if irritation persists.
Ingestion	Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.
Signs and Symptoms of Overexposure	
Eyes	Burning sensation with tearing, redness
Skin	Prolonged contact may cause irritation marked by redness, slight burning sensation.
Ingestion	Irritation of mouth, throat, along with stomach upset, vomiting.
Inhalation	Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.
Acute toxicity	None known
Chronic effects	No known significant effects or critical hazards.

5. Fire-fighting Measures

Flammable class	Not applicable
Extinguishing media	No special requirements.
Explosion hazards	Not applicable
Fire-fighting procedures	Not applicable

6. Accidental Release Measures

Small spill	Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.
Large spill	Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.
Environmental Precautions	
Water spill	Avoid discharges into open waterways.
Land spill	Avoid discharge to soil.
Air spill	NA = Not Applicable

7. Handling and Storage

General Procedures	Close container after use.
Handling	Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.
Storage	Store in closed container in an area inaccessible to children.
Storage Temperature	Store at ambient temperatures.

Storage Pressure	Store at ambient atmospheric pressure.

8. Exposure controls and personal protection

Exposure Guidelines	
OSHA Hazardous Components (29 CFR1910.1200)	
Engineering Controls	Use in well ventilated area.
Personal Protective Equipment	
Eyes and face	Safety glasses with side shields.
Skin	Rubber or other chemical resistant gloves.
Respiratory	A respirator is not needed under normal and intended conditions of product use.
Protective clothing	No special requirements.
Work hygienic practices	Wash with soap and water after handling. Do not eat, drink or smoke while using product.

9. Physical and chemical properties

Physical state	Liquid
Odour	Fresh & Clean
Odor Threshold	Not established
Color	Green
Property	**Values**
pH	5.0-6.2
Freezing point	32°F; 0°C
Boiling point/boiling range	212°F; 100°C
Flash Point	None
Evaporation rate (Water=1)	1.0
Flammability (solid, gas)	No data available
Flammability Limit in Air	
Upper flammability limit	No data available
Lower flammability limit	No data available
Vapor pressure	20 mm Hg at 20°C (68°F)
Vapor density	>1 Air = 1
Specific Gravity	1.069 grams/ml. at 20°C (68°F)
Water Solubility	Complete
Autoignition temperature	Not applicable
Thermal decomposition	No data available
Percent volatile	>90
Density	8.92 at 20°C (68°F)
Viscosity	Water thin
VOC	None

10. Stability and reactivity

Reactivity	Stable
Stability	No known significant effects or critical hazards.
Conditions to avoid	Strong oxidizing materials
Incompatible materials	Strong oxidizers.
Hazardous decomposition products	None expected.
Hazardous Polymerization	Hazardous polymerization will not occur.

11. Toxicological information

Acute

Chemical Name	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 (rat)
Alkyl Polyglucosides	>5000 mg/kg (rat)	>5000 mg/kg (rabbit)	
Citric Acid	>11700 mg/kg (rat)	>2000 mg/kg (rabbit)	No data available

Eyes	Causes eye irritation
Dermal LD_{50}	No known significant effects or critical hazards.
Skin absorption	No known significant effects or critical hazards.
Inhalation LC_{50}	No known significant effects or critical hazards.
Eye effects	Mild to moderate eye irritant
Skin effects	May irritate skin with prolonged or repeated contact.
Chronic	No known significant effects or critical hazards.
Carcinogenicity	
IARC	No listed substance.
Irritation	Not established
Sensitization	No known significant effects or critical hazards.
Neurotoxicity	No known significant effects or critical hazards.
Genetic effects	No known significant effects or critical hazards.
Reproductive effects	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.

12. Ecological information

Environmental data	Not Established
Ecotoxicological information	Not Established
Aquatic toxicity (acute)	Not Established
Chemical fate information	Not Established

13. Disposal considerations

Disposal method	Small amounts (less than 5 gallons) may be disposed of in sanitary sewer. Consult local authorities for additional disposal information.
For large spills	Consult with local and state authorities for large volume disposal.
Product disposal	See above.
Empty container	Rinse container with clear water. Offer container for recycling, or dispose of in trash.
RCRA/EPA waste information	Not applicable

14. Transport information

DOT

UN proper shipping name	Cleaning Compound, not regulated.
U.S. Customs Harmonization	3402.90.10.00

15. Regulatory information

United States

Sara Title III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories	Health - Acute
Fire	No

Pressure Generating	No
Reactivity	No
Acute	Yes
Chronic	No
313 Reportable Ingredients	None
302/304 Emergency Planning	
Emergency Plan	Not applicable
CERCLA (Comprehensive Response, Compensation, and Liability Act)	
CERCLA Regulatory	Not applicable
TSCA (Toxic Substance Control Act)	
TSCA Regulatory	All ingredients are listed on the TSCA Chemical Inventory.
California Proposition 65	No listed substance
Carcinogen	No listed substance

16. Other information

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 weassume 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 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. DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.