Material Safety Data Sheet

Anti Rusting Liquid Solution (RXSOL-18-1820-210)

1. Product and Company Identifaction

Product Name	Anti Rusting Liquid Solution
Product Type	RXSOL-18-1820-210

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

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

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

2. Composition / informationon ingredients

Component	CAS No.	Amount
Petroleum Distillates	64742-65-0 64741-44-2 64742-54-7	5-20%
Sodium Petroleum Sulfonate	68608-26-4	0-5%
Proprietary Ingredients	Mixture	1-5%
Non-hazardous Ingredients	Proprietary	Balance

3. Hazards Identification

Milky, light tan liquid with a red tinge. Negligible odor.

EMERGENCY OVERVIEW:
May cause mild eye irritation. Prolonged skin contact may cause irritation or dermatitis. Inhalation of high concentrations of vapors or mists may cause irritation of the nose and throat and headache, nausea or drowsiness.

INHALATION:	If symptoms of exposure develop, remove to fresh air. If breathing becomes difficult, administer oxygen.Administer artificial respiration if breathing as stopped. Seek immediate medical attention.
SKIN CONTACT:	Remove contaminated clothing. Wash all affected and exposed areas with soap and water. If skin irritation or redness develops and persists, seek medical attention.
EYE CONTACT:	Exposed eyes should be immediately flushed with copious amounts of water using a steady stream for a minimum of 15 minutes. If irritation, pain, swelling or tearing persist, seek medical attention.
INGESTION:	Do not induce vomiting. Get medical assistance by calling an emergency room or poison control center.
NOTES TO PHYSICIAN:	There is no specific antidote. The petroleum oil and other ingredients in this product are unlikely to produce systemic symptoms following accidental ingestion. The most serious potential toxic effect is aspiration pneumonitis which may lead to non-cardiogenic pulmonary edema. Treatment should be directed at the control of symptoms and the clinical condition.

5. Fire-fighting Measures

EXTINGUISHING MEDIA:	Use any media that is appropriate for the surrounding fire. Cool fire exposed containers with water.
SPECIAL FIRE FIGHTING PROCEDURES:	Firefighters should wear positive pressure self contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

HAZARDOUS COMBUSTION PRODUCTS:	Burning may produce carbon monoxide, carbon dioxide, oxides of nitrogen and reactive hydrocarbons.

6. Accidental Release Measures

Wear appropriate protective clothing and equipment (See Section 8). Recover free product by pumping or collect with absorbent material and place in appropriate, labeled container for disposal. Keep out of sewers, watercourses and low areas.

7. Handling and Storage

Avoid eye and prolonged skin contact.
Avoid breathing vapors, mists or fumes.
Wash exposed skin thoroughly with soap and water after use.
Empty containers retain product residue and may be hazardous.
Do not cut, weld, drill, etc. containers, even empty.
Do not reuse empty containers unless properly cleaned.

NFPA CLASSIFICATION:
Not Applicable

8. Exposure controls and personal protection

CHEMICAL	EXPOSURE LIMIT	
Petroleum Distillates	5 mg/m3 TWA OSHA PEL 5 mg/m3 TWA ACGIH TLV 10 mg/m3 STEL ACGIH TLV	5 mg/m3 TWA NIOSH REL 10 mg/m3 STEL NIOSH REL 2500 mg/m3 NIOSH IDLH
Sodium Petroleum Sulfonate	None Established	
Proprietary Ingredients	None Established	
Non-hazardous Ingredients	None Established	

VENTILATION:
General ventilation should be adequate for normal use. For operations where the exposure limit may be exceeded, local exhaust ventilation may be required to maintain exposures below the occupational exposure limits.

RESPIRATORY PROTECTION:
None under normal use conditions. For operations where the TLV for oil mist may be exceeded, a NIOSH approved respirator with an organic vapor cartridge and a dust/mist prefilter or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration. Select in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

GLOVES:
Neoprene gloves where prolonged contact is likely.

EYE PROTECTION:
Safety glasses with sideshields or goggles are recommended.

OTHER PROTECTIVE EQUIPMENT/CLOTHING:
Appropriate protective clothing as needed to minimize skin contact.

9. Physical and chemical properties

Information on basic physical and chemical properties:

APPEARANCE AND ODOR:	Milky,light tan liquid with a red tinge. Negligible odor.
pH:	9.3-10.3
SPECIFIC GRAVITY:	0.97-0.98
BOILING POINT:	214°F (°C)
VAPOR PRESSURE:	Same as water
FREEZING POINT:	32°F (0°C)
VAPOR DENSITY:	Greater than 1
SOLUBILITY IN WATER	Partial

EVAPORATION RATE:	Less than 1
PERCENT VOLATILE:	100%
VISCOSITY:	Not determined
FLASH POINT:	None to Boiling
AUTOIGNITION TEMP:	Not determined
FLAMMABILITY LIMITS LEL:	Not determined
UEL:	Not determined
COEFFICIENT OF WATER/OIL DISTRIBUTION:	Not determined

10. Stability and reactivity

STABILITY:	Stable
CONDITIONS TO AVOID:	Excessive heat.
INCOMPATIBILITY:	Strong oxidizing agents.
DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide and oxides of nitrogen.
HAZARDOUS POLYMERIZATION:	Will not occur.

11. Toxicological information

POTENTIAL HEALTH EFFECTS: ACUTE HAZARDS: INHALATION:	Inhalation of high concentrations of vapors or mists may cause mucous membrane irritation of the nose and throat and nervous system effects such as headache, dizziness, nausea and drowsiness.
SKIN CONTACT:	Prolonged contact, as with clothing wetted with material, may cause irritation and dryness.
EYE CONTACT:	May cause mild irritation with redness and excess tearing.
INGESTION:	Ingestion of this product is not expected to result in any acute systemic toxic effects. If more than several mouthfuls are swallowed, abdominal discomfort, belching, nausea and diarrhea may occur. Aspiration into the lungs during ingestion or vomiting following ingestion may cause lung injury.
CHRONIC EFFECTS:	Prolonged or repeated overexposure to oil mists may result in oil granuloma formation in the lung and increased incidence of infection.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	May aggravate existing dermatitis.
CARCINOGEN:	None of the components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP,ACGIH, or OSHA.
Acute Toxicity Values:	Petroleum Distillates: LD50 Oral Rat: > 5 gm/kg LD50 Skin Rabbit: >3 gm/kg
Sodium Petroleum Sulfonate:	No acute toxicity values are available

12. Ecological information

No ecotoxicity data is available for this product or its components at this time.

13. Disposal considerations

Dispose in accordance with all local, state/provincial and federal regulations.

14. Transport information

PROPER SHIPPING NAME:	Not Regulated
TECHNICAL NAME:	Not applicable
UN NUMBER:	Not applicable
HAZARD CLASS/PACKING GROUP:	Not applicable

LABELS REQUIRED:	None
DOT MARINE POLLUTANTS:	This product does not contain Marine Pollutants as defined in 49 CFR 171.8.

IMDG CODE SHIPPING CLASSIFICATION:

DESCRIPTION:	Not Regulated
ID NUMBER:	Not applicable
HAZARD CLASS:	Not applicable
PACKING GROUP:	Not applicable
LABELS REQUIRED:	None
PLACARDS REQUIRED:	None

CANADIAN TDG CLASSIFICATION:

PROPER SHIPPING NAME:	Not Regulated
TECHNICAL NAME:	None
CLASS:	None
UN NUMBER:	None
PACKING GROUP	None

15. Regulatory information

EPA SARA 311/312 HAZARD CLASSIFICATION:	Not Hazardous
EPA SARA 313:	This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None
PROTECTION OF STRATOSPHERIC OZONE:	This product is not known to contain or to have been manufactured with ozone depleting substances as defined in 40 CFR Part 82, Appendix A to Subpart A.
CERCLA SECTION 103:	This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements.Report spills required under federal, state and local regulations.
CALIFORNIA PROPOSITION 65:	This product does not contain chemicals regulated under California Proposition 65. EPA TSCA INVENTORY: All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.
CANADIAN WHMIS CLASSIFICATION:	Not a controlled product
CANADIAN WHMIS HAZARD SYMBOLS:	None This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.
EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS):	All of the ingredients are listed on the EINECS inventory. AUSTRALIA: All of the ingredients of this product are listed on the Australian Inventory of Chemical Substances.
JAPAN:	One of the ingredients of this product is not listed on the Japanese Existing and New Chemical Substances List (MITI).
KOREA:	All of the ingredients of this produuct are listed on the Korean Existing Chemicals List (KECL). CHINA. All of the ingredients of this product are listed on the Inventory of Existing Chemical Substances in China (IECSC). PHILIPPINES All of the ingredients of this product are listed on the Philippines Inventory of Chemicals and Chemical Substances (PICCS).

16. Other information

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer

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