Material Safety Data Sheet

Rust Remover (RXSOL-22-1088-001)

1. Product and Company Identifaction

Product Name	Rust Remover
Part Number	RXSOL-22-1088-001

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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2. Composition / informationon ingredients

Ingredient	CAS #	Weight Percent	US Hazcom 2012/ GHS Classification
Water and Non Hazardous Ingredients	Mixture	100	Not Hazardous

3. Hazards Identification

Hazcom 2012/GHS Classification	Not classified as Hazardous
Label Elements	None Required

4. First Aid Measures

Ingestion (Swallowed)	Rinse out mouth and give sips of water. Do not induce vomiting. Get medical attention. Call physician, poison control center or the WD-40 Safety Hotline at 1-888-324-7596.
Eye Contact	Flush thoroughly with water then remove contact lenses if present, and easy to do so. Continue flushing eyes for several minutes. Get medical attention if irritation persists
Skin Contact	Flush thoroughly with water. Remove any contaminated clothing and launder before reuse. If irritation develops and persists, get medical attention
Inhalation (Breathing)	Discontinue use and move to fresh air. Get medical attention if irritation develops and persists.
Signs and Symptoms of Exposure	May cause mild skin irritation on prolonged contact
Indication of Immediate Medical Attention/Special Treatment Needed	Immediate medical attention is not required.

5. Fire-fighting Measures

Suitable (and unsuitable) Extinguishing Media	This product is not flammable or combustible. Use any media that is appropriate for the surrounding fire.

Specific Hazards Arising from the Chemical	Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Thermal decomposition will release oxides of carbon, and oxides of phosphorous.
Special Protective Equipment and Precautions for Fire-Fighters	Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing for fires involving chemicals.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Wear appropriate protective clothing (see Section 8).
Methods and Materials for Containment/Cleanup	Spills can be collected with an absorbent material and placed in a container for disposal. Clean the spill area with water. Large spills should be contained with an inert absorbent material. Collect into containers for proper disposal.

7. Handling and Storage

Precautions for safe handling

Precautions for Safe Handling	Avoid eye contact. Avoid prolonged or repeated contact with skin. Keep container closed when not in use. Wash thoroughly after use. Keep out of the reach of children.
Conditions for Safe Storage	Store in a cool, dry area. Avoid freezing.

8. Exposure controls and personal protection

Chemical	Occupational Exposure Limits
Non-Hazardous Ingredients	None Established

The Following Controls are Recommended for Normal Consumer Use of this Product

Appropriate Engineering Controls	Use in a well-ventilated area.
Personal Protection	
Eye Protection	Avoid eye contact.
Skin Protection	Avoid prolonged skin contact. For sensitive skin or prolonged use, wear rubber gloves.
Respiratory Protection	None required.
For Bulk Processing or Workplace Use the Following Controls are Recommended	
Engineering Controls	Use with adequate general ventilation or local exhaust to minimize exposure levels.
Personal Protection	
Eye Protection	Follow facility requirements
Skin Protection	Wear rubber gloves and protective clothing as required to avoid prolonged skin contact.
Respiratory Protection	No respiratory protection normally required. If exposure levels are excessive, wear an approved respirator. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.
Work/Hygiene Practices	Avoid contact with the eyes, skin and clothing. Wash thoroughly after use.

9. Physical and chemical properties

Appearance	Clear, colorless Liquid
Odor	Slight
Odor Threshold	Not established
pH	6-8
Melting/freezing point	Not established
Boiling point/Range	Not determined
Flash Point	None
Evaporation Rate	Same as water
Flammability (solid, gas)	Not applicable
VOC	0.0 lb/gal
Flammable Limits (Solvent Portion)	Not applicable
Vapor Pressure	Same as water
Vapor Density	Same as water
Relative Density	1.05
Solubilities	Soluble in water
Partition Coefficient; noctanol/water	Not established
Autoignition Temperature	None
Decomposition Temperature	Not established
Viscosity	Not established
Pour Point	Not applicable

10. Stability and reactivity

Reactivity	Not reactive
Chemical stability	Stable
Possibility of hazardous reactions	None known.
Conditions to avoid	Avoid freezing and extreme temperatures.
Incompatible materials	Strong acids.
Hazardous decomposition products	Thermal decomposition will release oxides of carbon, and oxides of phosphorous.

11. Toxicological information

Symptoms of Overexposure

Inhalation	No adverse effects expected under normal conditions. Mists may cause irritation, mucous membranes of the throat and nose and upper respiratory tract.
Skin Contact	May cause mild irritation on prolonged or repeated contact.
Eye Contact	No significant eye irritation is expected. Direct contact may cause mild, transient discomfort.
Ingestion	May cause irritation to the mouth and gastrointestinal tract.
Chronic Effects	None currently known.
Carcinogen Status	None of the components are listed as a carcinogen or suspect carcinogen by IARC, NTP, ACGIH or OSHA.
Reproductive Toxicity	None of the components is considered a reproductive hazard.
Numerical Measures of Toxicity	No data available

Acute Toxicity Estimates: Oral >5000 mg/kg, Dermal >2000 mg/kg. Based on a review of the components, this product is not acutely toxic. Non-irritant in in-vitro eye study and mild irritant in in-vitro skin irritation studies.

12. Ecological information

Ecotoxicity	No specific data for the product is available. Avoid release to the environment.
Persistence and Degradability	No data available.
Bioaccumulative Potential	No data available.
Mobility in Soil	No data available.
Other Adverse Effects	None known

13. Disposal considerations

Dispose in accordance with local, state and federal regulations. Consider contamination that may have occurred during rust removal process when determining disposal method.

14. Transport information

Not Regulated for transportation.

15. Regulatory information

U.S. Federal Regulations

CERCLA 103 Reportable Quantity	This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.
SARA TITLE III	
Hazard Category For Section 311/312	Not Hazardous
Section 313 Toxic Chemicals	This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None
Section 302 Extremely Hazardous Substances (TPQ)	None
EPA Toxic Substances Control Act (TSCA) Status	All of the components of this product are listed on the TSCA inventory.
California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)	This product does not require a California Proposition 65 warning.
Canadian Environmental Protection Act	All of the ingredients are listed on the Canadian Domestic Substances List or exempt from notification
Canadian WHMIS Classification	Not a controlled product.

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.

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.