

1. Product and Company Identification

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Product Name RUSTOSOL
Part Number RXSOL-16-1021-005

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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Component	CAS-No	Weight %
Aliphatic Hydrocarbon	64742-47-8	50-60 %
Petroleum Base Oil	64742-58-1	25-35 %
Surfactant	Proprietary	10-20 %

3. Hazards Identification

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Signal Word	:	Hazardous , Harmful
Hazard Statements	:	Harmful or fatal if s may be aspirated and Avoid eye contact. U heat, sparks and all o
Label Elements	:	Inhalation: High co irritation and centra dizziness and nause fatal. Skin Contact: produce mild irritati Contact: Contact ma tearing. Ingestion: T may cause gastrointes This product is an a lungs and may cause and death. Chronic E
Environmental hazards	:	For the environment term adverse effects

4. First Aid Measures

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Eye Contact :	Check for and remove any contact lenses. In case of water for at least 15 minutes. Cold water may be used
Skin Contact:	In case of contact, immediately flush skin with pl emollient. Remove contaminated clothing and shoes

	reuse. Thoroughly clean shoes before reuse. Get medical attention.
Serious Skin Contact:	Wash with a disinfectant soap and cover the contaminated area. Get medical attention.
Inhalation:	Vaporization is not expected at ambient temperatures. No irritation or other respiratory related disorders under anticipated conditions of use.
Serious Inhalation:	Not available.
Ingestion:	Do NOT induce vomiting unless directed to do so by a healthcare professional. Do NOT give anything to an unconscious person. Loosen tight clothing such as a belt or jacket. If breathing is difficult, use oxygen. Get medical attention if symptoms appear. Serious Ingestion: Not available.

5. Fire-fighting Measures

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FPA Flammability classification	:	NFPA Class-IIIB combustible
Flash Point Method	:	OPEN CUP: >196°C
Lower Flammable Limit	:	No Data
Upper Flammable Limit	:	No Data
Hazardous Combustion Products	:	Carbon dioxide, carbon monoxide, hydrocarbons and trace amounts of other combustion products.
Extinguishing Media	:	Use water fog, dry chemical, water jet or flooding. Do not use high pressure water on the surface and spill.
Special Fire Fighting Procedures	:	Firefighters should always wear self-contained breathing apparatus and avoid breathing vapors. Do not use water on containers with water.
Protection of Fire Fighters	:	Firefighters must use self-contained breathing apparatus with positive pressure seal and eye protection against potential hazards. Avoid contact with skin and eyes and oxygen deficiency.

6. Accidental Release Measures

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Small Spill	:	Mop up, or absorb with an inert absorbent. Dispose of in appropriate waste disposal container.
Large Spill	:	Wear appropriate protective clothing. Eliminate all sources of ignition and prevent fire. Absorb liquid with an inert absorbent. Dispose of in appropriate waste disposal. Clean spill area thoroughly as required.

7. Handling and Storage

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Handling	:	Avoid water contamination. Do not mix with other chemicals. Minimize product degradation. Avoid contact with product residues that can cause irritation. Do not pressurize, cut, weld, braze, solder, or heat containers to flames, sparks, or other heat sources. Consult appropriate safety data sheets for more information.
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		before reusing, reconditioning, or disposing of empty container or product
Storage	:	Keep container closed. Do not store at temperatures above 120°F (49°C) for extended periods of time. Consult state and local authorities before recycling or disposing of this product.

8. Exposure controls and personal protection

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Engineering Control	:	Provide exhaust ventilation to reduce the airborne concentration of vapors to the recommended exposure limit. Eye wash and safety shower should be available.
Personal Protective Equipment	:	Personal protective equipment should be used under conditions under which the concentration of the work area for PPE exceeds the recommended exposure limit. A qualified professional should evaluate the work area following pictograms and determine what personal protective equipment (PPE) may be required.
Eye Protection	:	Safety glasses equipped with side shields or face shield if splashing or spraying is anticipated. Eye wash water available nearby.
Hand Protection	:	Use gloves constructed of neoprene or heavy nitrile. If heat protection is expected, use heat-protective gloves. Use heat-protective gloves at elevated temperatures.
Body Protection	:	Use clean and impermeable clothing. In spraying conditions and when contact occurs, remove clothing as soon as possible and promptly wash. Do not reuse or discard. Wash clothing when handling.
Respiratory Protection	:	Vaporization is not expected. If the need for respiratory protection is anticipated, use conditions and with concentrations above anticipated, a NIOSH-approved respirator with a dust/mist prefilter. Use respirator depending upon the type of work and used in accordance with the manufacturer's instructions.
General Comment	:	Use good personal hygiene. Avoid contact with exposed skin areas while eating, drinking, smoking, or using tobacco. DO NOT use gasoline or other petroleum-based skin cleaners. Since skin irritation has not been established, use the exposure limits shown on the label and guidelines.



Gloves Suit

9. Physical and chemical properties

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Physical State	:	Liquid
Appearance	:	Amber
Odor	:	Hydrocarbon Solvent
Odor Threshold	:	No information available.
PH	:	NA
Boiling Point	:	361 - 369 F (183 -187°C)
Flash Point	:	122 F (49°C) Tag Open Cup
Pour Point	:	-63 C (-81.4 F) ASTM D-97
Specific Gravity	:	0.8 @ 60 F
Lower Explosion Limit	:	No data available.
Vapor Pressure	:	No data available.
Vapor Density	:	No data available.
Viscosity	:	2.79-2.96cSt @ 100 F
Solubility in Water	:	Insoluble
Percent Volatile	:	70-75%
Kinematic Viscosity	:	2.79-2.96cSt @ 100 F
Vapor Density	:	Grater then 1
Flammable Limits(Solvent Portion)	:	LEL: 0.6% UEL: 8.0%
VOC	:	412 grams/liter (49.5%)

10. Stability and reactivity

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Chemical Stability	:	Stable.
Hazardous Polymerization	:	Not expected to occur.
Condition to Avoid	:	Keep away from extreme heat, strongly oxidizing conditions.
Materials Incompatibility	:	Oxidizing materials
Hazardous Decomposition Products	:	No additional hazardous decomposition products identified other than the components listed in Section 5 of this MSDS

11. Toxicological information

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The oral toxicity of this product is estimated to be greater than 5,000 mg/kg based on an assessment of the ingredients. This product is not classified as toxic by established criteria. It is an aspiration hazard. None of the components of this product is listed as a carcinogen or suspected carcinogen or is considered a reproductive hazard.

12. Ecological information

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Ecotoxicity	:	Analysis for ecological product. However, if spilled on soil or water may be harmful. Also, the coating action of products can be harmful.
Environmental Fate	:	An environmental fate study for specific product. Plants may have fatal effects when coated with Petroleum-based (mineral oil). In stagnant or slow-flowing water over a large surface area. As the coating eliminates natural atmosphere. With time, if not removed, it might be enough to cause environmental damage.

13. Disposal considerations

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If this product becomes a waste, it would be expected to meet the criteria of a RCRA ignitable hazardous waste (D001). However, it is the responsibility of the user to determine the proper classification and method of disposal. Dispose in accordance with federal, state, and local regulations.

14. Transport information

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DOT Surface Shipping Description: Excepted from Hazmat (49CFR 173.150 (F)) in non-bulk packagings. Bulk Packagings: NA1993, Combustible Liquid, n.o.s.
IMDG Shipping Description: UN1268, Petroleum Distillates, n.o.s. 3, PG III

15. Regulatory information

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TSCA Inventory	:	This product and/or its components are listed on the TSCA Inventory List under Substances Control Act.
SARA 302/304	:	The Superfund Amendment and Reauthorization Act (SARA) Title III requires manufacturers to submit emergency response information on Threshold Planning Quantities (RQs) for certain hazardous materials. 40 CFR 302.4 and 40 CFR 304.4.
SARA 311/312	:	The Superfund Amendment and Reauthorization Act (SARA) Title III requires manufacturers to submit aggregate information on certain hazardous materials defined in 40 CFR 311.1 and 312.1. The following hazardous materials categories are identified:
SARA 313	:	This product contains certain hazardous materials in concentrations above the minimum levels defined in 40 CFR Part 372 pursuant to the Superfund Amendment and Reauthorization Act (SARA). No components are listed on the SARA 313 list.
CERCLA	:	The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires manufacturers to submit information on certain hazardous materials. The following hazardous materials categories are identified:

		"hazardous substances in quantities (RQ's) listed in the term "hazardous materials" including crude oil and specifically designated as present in this product under the statute are: Zinc and
CWA	:	This material is classified under the Clean Water Act (CWA). Discharges or spills into the United States, their territories, and surface waters must be reported to the Center at (800) 424-
California Proposition 65	:	This material may contain chemicals known to the State of California to cause other reproductive harm (California Proposition 65, Title 25, Section 25249.5): Toluene: (
USA	:	Petroleum Oil
Additional	:	No additional regulations

16. Other information

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ACGIH = American Conference of Governmental Industrial Hygienic
IARC = International Agency for Research on Cancer
NIOSH = National Institute of Occupational Safety and Health
Refer to the top of Page 1 for the HMIS and NFPA Hazard Ratings for this product.
NPCA = National Paint and Coating Manufacturers Association
NFPA = National Fire Protection Association
AIHA = American Industrial Hygiene Association
NTP = National Toxicology Program
OSHA = Occupational Safety and Health Administration
HMIS = Hazardous Materials Information System
EPA = Environmental Protection Agency

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