

1. Product and Company Identification

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Product Name White mineral oil
Part Number RXSOL-19-1169-215

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
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2. Composition / Information on ingredients

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Chemical Name	Cas No	EC No	Whight
White mineral oil	8042-47-5	232-455-8	0 to 100%

3. Hazards Identification

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Signal Word	Danger
Hazard Statements	H304: May be fatal if swallowed and enters airways
Precautionary statements	P301+P310: if swallowed immediately call a poison centre/doctor. P331: do not induce vomiting. P102: Keep out of reach of children.P405: Store locked up.P501: Dispose of contents/container to authorized chemical landfill or if organic to high temperature incineration.
Supplemental Hazard Statements	No data available
Other hazards	No data available

4. First Aid Measures

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General advice	Spillages make surfaces slippery.Treat according to symptoms (decontamination, vital functions), no known specific antidote.
If inhaled	If fumes, aerosol or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.
Eye Contact	Wash out immediately with water. If irritation continues, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Swallowed	Immediately give a glass of water. Do not give anything by mouth to an unconscious person. Do not induce vomiting as there is a risk of aspiration. Call a doctor immediately.
Skin Contact	Remove contaminated clothing and footwear, and dispose of safely. Seek medical attention if skin irritation, swelling or redness develops and persists.
Most important symptoms and effects, both acute and delaye	Irritation, Nausea, Vomiting
Indication of any immediate medical attention and special treatment needed	No data available

5. Fire-fighting Measures

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Suitable extinguishing media	Dry chemical powder, foam, Carbon dioxide (CO ₂), Water fog
Unsuitable extinguishing media	Does not use direct water jets on the burning product; they could cause splattering and spread the fire
Special hazards arising from the substance or mixture	Fire incompatibility Avoid contamination with oxidizing agents i.e. nitrates, oxidizing acids, chlorine acids, chlorine bleaches, pool chlorine etc. as ignition may results.
Further information	The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.
Advice for firefighters	Alert Fire Brigade and tell them location and nature of hazard. Wear full body protective clothing with breathing apparatus
Protective equipment	Goggles or face shield, if splashes or contact with eyes is possible or anticipated
Hazardous combustion product	Incomplete combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates and gases, including carbon monoxide and unidentified organic and inorganic compounds.
Additonal information	Recommended measures are based on the most likely spillage scenarios for this material. However, local conditions (wind, air temperature, wave/current direction and speed) may significantly influence the choice of appropriate actions. Local experts should be consulted when necessary. Local regulations may also prescribe or limit actions to be taken.

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures	Work gloves providing adequate chemical resistance, specifically to hydrocarbons. Wear approved respiratory protection such as toxic dust, mist and fume respirator. Safety glasses, chemical type goggles, or face shield appropriate where splashing or misting is expected during routine operations
Enviromental Precaution	Prevent product from entering sewers, rivers, waterways or other bodies of water Use adequate ventilation to keep the airborne concentrations of this material below the ACGIH TLV for mineral oil mists. Local exhaust ventilation and/or enclosure of the processes is preferred in these cases.
Methods and materials for containment and cleaning	Remove all ignitions sources. Control personal contact with the substance, by using protective equipment. Contain and absorb spill with sand, earth, inert material or vermiculite. Place in a suitable, labelled container for waste disposal
Reference to other sections	Empty containers may contain combustible product residues. Do not weld, solder, drill, cut or perform similar operations unless they have been properly cleaned. Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13. .

7. Handling and Storage

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Advice on protection against fire and explosion	For fires involving this material, do not enter any enclosed or confined space without self-contained breathing apparatus to protect against the hazardous effects of combustion products or oxygen deficiency.
Hygiene measures	Wash hands before breaks and after work.
Advice on safe handling	Contaminated materials should not be allowed to accumulate in the workplaces and should never be kept inside the pockets. Keep away from food and beverages. Do not eat, drink or smoke while using this product. Wash the hands thoroughly after handling. Change contaminated clothes at the end of working shift
Storage conditions	Incompatible substances or mixtures Avoid reaction with oxidizing

Storage class	agents. Consideration of other advice: Suitable materials for containers For containers, or container linings use mild steel, stainless steel. Ventilation Requirements Use local and general ventilation Specific designs for storage rooms or vessels Recommended storage temperature: Storage class (TRGS 510)4.2 Pyrophoric and self-heating hazardous materials
Incompatible substances or mixtures	Avoid reaction with oxidizing agents.
Specific end use(s)	No data available

8. Exposure controls and personal protection

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Eye/face protection	Safety glasses, chemical type goggles, or face shield appropriate where splashing or misting is expected during routine operations or spill clean-up.
Body Protection	Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended.
Skin protection	Wear general protective gloves, e.g. light weight rubber gloves Exposed employees should exercise reasonable personal cleanliness; this includes cleansing exposed skin several times daily with soap and water and laundering or dry cleaning soiled work clothing at least daily.
Respiratory protection	If operating conditions create airborne concentrations which exceed the recommended exposure standard(s), the use of an approved respirator is recommended. Wear approved respiratory protection such as toxic dust, mist and fume respirator
Control of environmental exposure	This material may present environmental risks common to oil spills

9. Physical and chemical properties

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Physical state	Liquid
Colour	Clear white
Odour	Odorless
Odor Threshold	No data available
pH	No data available
Melting Point	No data available
Boiling Point	No data available.
Flash Point	>112°C, ASTM D 92
Flammability (solid, gas)	The substance or mixture is a flammable solid with the category 1
Upper/lower flammability or explosive limits	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Vapour pressure	5000 mg/kg bw rat ECHA Inhalation LC50 >5000 mg/kg (4h) rat ECHA Dermal LD50 >2000 mg/kg bw rabbit ECHA
Skin corrosion/irritation	No data available
Serious eye damage/irritation	No data available
Respiratory or skin sensitization	No data available
Carcinogenicity	No data available
Germ cell mutagenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Additional Information	No data available

12. Ecological information

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Persistence and degradability	No data available
Toxicity to fish	LL50 ? 10,000 mg/L <i>Leuciscus idus melanotus</i> 96-hour LC50 >100 mg/L <i>Daphnia magna</i> 48 h EC25 ? 100 mg/L <i>Pseudokirchneriella subcapitata</i> 72 h
Toxicity to daphnia and other aquatic invertebrates	No data available
Toxicity to bacteria	No data available
Toxicity to algae	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	No data available
Endocrine disrupting properties	No data available
Other adverse effects	No data available

13. Disposal considerations

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Waste treatment Method	Place contained materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material.
Sewage disposal-relevant information	Prevent product from entering sewers, rivers, waterways or other bodies of water
Other disposal recommendations	This material may present environmental risks common to oil spills. Contact your local oil spill response group and applicable government agencies if a spill occurs

14. Transport information

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UN number	ADR/RID:	IMDG:	IATA:
UN proper shipping name	ADR/RID:Not dangerous goods	IMDG:Not dangerous goods	IATA:Not dangerous goods
Transport hazard class(es)	ADR/RID:	IMDG:	IATA:
Packaging group	ADR/RID:	IMDG:	IATA:
Environmental hazards	ADR/RID:No	IMDG:No	IATA:No
Special precautions for user	No data available		
Further information	No data available		

15. Regulatory information

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Safety, health and environmental regulations/legislation specific for the substance or mixture	This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.
Other regulations	Take note of Dir 94/33/EC on the protection of young people at work.
Chemical Safety Assessment	For this product a chemical safety assessment was not carried out

16. Other information

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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 we assume 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 we 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.
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