

1. Product and Company Identification

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Product Name SILICONE OIL
Part Number RXSOL-19-3718-025

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.rxmarine.com

2. Composition / Information on ingredients

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| Chemical Name | Cas No | EC No | Weight | Formula |
|---------------|------------|-----------|--------|--|
| Silicone oil | 63148-62-9 | 613-156-5 | - | (-Si(CH ₃) ₂ O-)n |

3. Hazards Identification

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| Signal Word | No data available |
| Hazard Statements | No data available |
| Precautionary statements | No data available |
| Classification of the substance or mixture | No data available |
| Supplemental Hazard Statements | No data available |
| Other hazards | This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% |

4. First Aid Measures

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| General advice | Show this material safety data sheet to the doctor in attendance. |
| If inhaled | After inhalation fresh air. |
| Eye Contact | Rinse out with plenty of water. Remove contact lenses |
| Swallowed | Make victim drink water (two glasses at most). Consult doctor if feeling unwell. |
| Skin Contact | In case of skin contact Take off immediately all contaminated clothing. Rinse skin with water/ shower. |
| Inhalation | No data available |
| Ingestion | No data available |
| Most important symptoms and effects, both acute and delaye | The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11 |
| Indication of any immediate medical attention and special treatment needed | No data available |

5. Fire-fighting Measures

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| Flammability | No data available |
| Suitable extinguishing media | Water Foam Carbon dioxide (CO2) Dry powder |
| Unsuitable extinguishing media | For the substance/mixture no limitations of extinguishing agents are given |
| Special hazards arising from the substance or mixture | Carbon oxides silicon oxides Combustible. Vapors are heavier than air and may spread along floors. Forms explosive mixtures with air on intense heating. Development of hazardous combustion gases or vapours possible in the event of fire |
| Further information | Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system. |
| Hazardous combustion products | No data available |
| Advice for firefighters | In the event of fire, wear self-contained breathing apparatus. |
| Protective Equipment | No data available |
| Specific Hazards Arising from the Chemical | No data available |

6. Accidental Release Measures

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| Personal precautions, protective equipment and emergency procedures | Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Keep away from heat and sources of ignition. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8. |
| Spillage | No data available |
| Personal Protection | Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8 |
| Environmental Precaution | Do not let product enter drains. Risk of explosion. |
| Methods and materials for containment and cleaning | Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up with liquid-absorbent material (e.g. Chemizorb®). Dispose of properly. Clean up affected area |
| Reference to other sections | For disposal see section 13 |

7. Handling and Storage

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| Advice on protection against fire and explosion | No data available |
| Incompatible materials | No data available |
| Hygiene measures | No data available |
| Advice on safe handling | No data available |
| Conditions for safe storage, including any incompatibilities | No data available |
| Storage conditions | Tightly closed. |
| Storage class | Storage class (TRGS 510) 11 Combustible Liquids |
| Specific end use(s) | Apart from the uses mentioned in section 1.2 no other specific uses are stipulated |
| Advice on general occupational hygiene | No data available |

8. Exposure controls and personal protection

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| Exposure controls | Personal protective equipment |
| Engineering Control | No data available |
| Eye/face protection | Use equipment for eye protection tested and approved under appropriate |

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| | government standards such as NIOSH (US) or EN 166(EU). Safety glasses |
| Body Protection | Protective clothing |
| Skin protection | No data available |
| Respiratory protection | No data available |
| Other Protection Measure | No data available |

9. Physical and chemical properties

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| Physical state | Viscous |
| Colour | Colorless |
| Odour | No data available |
| Odor Threshold | No data available |
| pH | No data available |
| Melting Point | -55 °C |
| Boiling Point | > 140 °C at 0,003 hPa |
| Flash Point | 101,1 °C - closed cup |
| Evaporation Rate | No data available |
| Flammability (solid, gas) | No data available |
| Explosive limits | No data available |
| Upper/lower flammability or explosive limits | No data available |
| Autoignition temperature | > 400 °C |
| Decomposition temperature | > 200 °C |
| Vapour pressure | < 7 hPa at 25 °C |
| Viscosity | Dynamic 0,003 Pas at 25 °C |
| Density | 0,967 g/mL at 20 °C |
| Relative Density | No data available |
| Specific Gravity | No data available |
| Partition coefficient | No data available |
| Explosive properties | No data available |
| Solubility | No data available |
| Ignition temperature | No data available |
| Particle characteristics | No data available |

10. Stability and reactivity

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| Reactivity | Forms explosive mixtures with air on intense heating. A range from approx. 15 Kelvin below the flash point is to be rated as critical |
| Chemical stability | The product is chemically stable under standard ambient conditions (room temperature) |
| Possibility of hazardous reactions | No data available |
| Conditions to avoid | Strong heating. |
| Incompatible materials | Acids, Bases, Strong oxidizing agents |
| Hazardous product decomposition | In the event of fire see section 5 |

11. Toxicological information

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| Acute toxicity | LD50 Oral - Rat - > 24.000 mg/kg Inhalation No data available LD50 Dermal - Rabbit - > 2.000 mg/kg |
| Skin corrosion/irritation | Skin - Rabbit Result Mild skin irritation - 24 h (RTECS) |
| Serious eye damage/irritation | Eyes - Rabbit Result Mild eye irritation - 24 h (RTECS) |

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| 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 | The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. RTECS: JT6485000 To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. |

12. Ecological information

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| Persistence and degradability | No data available |
| Toxicity to fish | No data available |
| Toxicity to daphnia and other aquatic invertebrates | No data available |
| Toxicity | No data available |
| Toxicity to bacteria | No data available |
| Toxicity to algae | No data available |
| Products Biodegradation | No data available |
| Mobility in soil | No data available |
| Results of PBT av PvB assessment | This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. |
| Endocrine disrupting properties | The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. |
| Other adverse effects | No data available |

13. Disposal considerations

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| Product | See www.retrologistik.com for processes regarding the return of chemicals and containers, or contact us there if you have further questions. |
| Contaminated packaging | No data available |
| Waste treatment Method | No data available |

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 classes | ADR/RID:- IMDG:- IATA:- |
| Packaging group | ADR/RID:- IMDG:- IATA:- |
| Environmental hazards | ADR/RID:No IMDG Marine pollutant: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 | No data available |
| Chemical Safety Assessment | For this product a chemical safety assessment was not carried out |

16. Other information

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Other Information

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