

1. Product and Company Identification

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Product Name Solid Paraffin Wax
Part Number RXSOL-60-6005-025

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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Website www.rxmarine.com

2. Composition / Information on ingredients

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| Product name | Cas No | EC No | Formula |
|-------------------------------|-----------|-----------|----------------------------------|
| Paraffin 46-48, in block form | 8002-74-2 | 232-315-6 | C _n H _{2n+2} |

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% or higher. |

4. First Aid Measures

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| General advice | Show this material safety data sheet to the doctor in attendance |
| If inhaled | fresh air. |
| Eye Contact | After eye contact: rinse out with plenty of water. Remove contact lenses. |
| Swallowed | After swallowing immediately make victim drink water (two glasses at most). Consult a physician. |
| 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 this substance/mixture no limitations of extinguishing agents are given |
| Special hazards arising from the substance or mixture | Nature of decomposition products not known. 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 | No data available |
| Hazardous combustion products | No data available |
| Advice for firefighters | No data available |
| 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: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8. |
| Spillage | No data available |
| Personal Protection | No data available |
| Environmental Precaution | Do not let product enter drains. Risk of explosion. |
| Methods and materials for containment and cleaning | Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts. |
| 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 | For precautions see section 2.2. |
| Conditions for safe storage including any incompatibilities | No data available |
| Storage conditions | Tightly closed. Dry. Recommended storage temperature see product label. |
| Storage class | Storage class (TRGS 510) 13Non Combustible Solids |
| 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 government standards such as NIOSH (US) or EN 166(EU). Safety glasses |
| Body Protection | Protective Clothing |
| Skin protection | This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or |

mixing with other substances and under conditions deviating from those stated in EN 16523-1 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de). Full contact Material: Nitrile rubber Minimum layer thickness: 0,11 mm Break through time: 480 min Material tested: KCL 741 Dermatrill® L This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN 16523-1 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de). Splash contact Material: Nitrile rubber Minimum layer thickness: 0,11 mm Break through time: 480 min Material tested: KCL 741 Dermatrill® L

Respiratory protection

Required when dusts are generated. Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system. Recommended Filter type: Filter type P1 The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

Other Protection Measure

No data available

9. Physical and chemical properties

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| Physical state | Solid |
| Colour | Off-white |
| Odour | No data available |
| Odor Threshold | No data available |
| pH | No data available |
| Melting Point | 43 - 95 °C at ca.1.013,25 hPa |
| Boiling Point | 341 - 665 °C at ca.1013,250 hPa |
| Flash Point | ca.317 °C at ca.1.013,25 hPa - Pensky-Martens closed cup - ISO 2719 |
| Evaporation Rate | No data available |
| Flammability (solid, gas) | No data available |
| Explosive limits | No data Available |
| Upper/lower flammability or explosive limits | Upper explosion limit 6,5 %(V) Lower explosion limit 0,6 %(V) - (nebulisation) |
| Autoignition temperature | No data available |
| Decomposition temperature | No data available |
| Vapour pressure | 0,1 - 20 hPa at 80 ° |
| Viscosity | Kinematic 3 - 6 mm ² /s at 100 °C - ASTM D 445 |
| Density | 0,79 - 0,94 g/cm ³ at 15 °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. The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

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| Chemical stability | The product is chemically stable under standard ambient conditions (room temperature) |
| Possibility of hazardous reactions | Violent reactions possible with: Strong oxidizing agents |
| Conditions to avoid | Strong heating |
| Incompatible materials | No data available |
| Hazardous decomposition products | In the event of fire: see section 5 |

11. Toxicological information

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| Acute toxicity | LD50 Oral - Rat - male and female - > 5.000 mg/kg (OECD Test Guideline 401) Remarks: (in analogy to similar products) Inhalation: No data available LD50 Dermal - Rat - male and female - > 2.000 mg/kg (OECD Test Guideline 402) (in analogy to similar products) |
| Skin corrosion/irritation | Skin - Rabbit No skin irritation - 4 h (OECD Test Guideline 404) (in analogy to similar products) |
| Serious eye damage/irritation | Eyes - Rabbit No eye irritation - 1 s (OECD Test Guideline 405) (in analogy to similar products) |
| Respiratory or skin sensitization | Maximization Test - Guinea pig negative (OECD Test Guideline 406) (in analogy to similar products) |
| Germ cell mutagenicity | Test Type Ames test Test system: Escherichia coli/Salmonella typhimurium Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 471 Result: negative Test Type: Mutagenicity (mammal cell test): chromosome aberration. Test system: Chinese hamster ovary cells Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 473 Result: negative Test Type: Micronucleus test Species: Mouse Cell type: Bone marrow Application Route: Intraperitoneal Method: OECD Test Guideline 474 Result: negative |
| 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. Repeated dose toxicity - Rat - male and female - Oral - 90 Days - NOAEL (No observed adverse effect level) - 1.500 mg/kg Remarks: (in analogy to similar products) Repeated dose toxicity - Mouse - male - Dermal - 2 yr - NOAEL (No observed adverse effect level) - >= 150 mg/kg (in analogy to similar products) Ingestion of large quantities will produce a laxative effect and may be irritating to the digestive tract. There is also a risk of esophageal, gastric, small intestinal, and rectal obstruction due to osmotic disturbance., prolonged or repeated exposure can cause.; Lung irritation 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 and vPvB assessment | This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very |

Endocrine disrupting properties

bioaccumulative (vPvB) at levels of 0.1% or higher.

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 ecological problems are to be expected when the product is handled and used with due care and attention.

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 class(es)

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

A Chemical Safety Assessment was not carried out for this substance.

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 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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