# Material Safety Data Sheet

**PHTHALAMIDE FOR SYNTHESIS** (RXSOL-60-6605-237)

## 1. Product and Company Identifaction

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|---|---|
| Product Name | PHTHALAMIDE FOR SYNTHESIS |
| Part Number | RXSOL-60-6605-237 |

Company Details:
RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Branch : Kandla, Mumbai, Chennai, Vizag , Kolkata, UAE, OMAN and KENYA

| | |
|---|---|
| Phone | +91 22 2087 1200 - 1400 |
| Fax | +91 22 2087 1500 :::AOH :0091 9821214367 |
| Email | 123@rxmarine.com |
| Website | www.rxmarine.com |

## 2. Composition / informationon ingredients

| Chemical Name | CAS number | EC.NO. | Weight % |
|---|---|---|---|
| NAPHTHA (PETROLEUM), HYDROTREATED HEAVY | 85-41-6 | 201-603-3 | 100 % |

## 3. Hazards Identification

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| Classification of the substance or mixtured | Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008. |
| Label elements | Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008. |
| 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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| Description of first-aid measures If inhaled | After inhalation: fresh air. |
| In case of skin contact | In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. |
| In case of eye contact | After eye contact: rinse out with plenty of water. Remove contact lenses. |
| Eye Contact | Flush thoroughly with water. If irritation occurs, get medical assistance. |
| If swallowed | After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell. |
| Most important symptoms and effects, both acute and delayed | 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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| General information | NA |

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| Appropriate Extinguishing Media | NA |
| Inappropriate Extinguishing Media: | NA |
| Flammability of the Product | NA |
| Suitable extinguishing media | Water Foam Carbon dioxide (CO2) Dry powder |
| Unsuitable extinguishing media | For this substance/mixture no limitations of extinguishing agents are given. |
| Hazardous combustion products | NA |
| Advice for firefighters | NA |
| Special hazards arising from the substance or mixture | Carbon oxides Nitrogen oxides (NOx) Combustible. Fire may cause evolution of: nitrogen oxides 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. |
| Advice for firefighter | In the event of fire, wear self-contained breathing apparatus. |
| 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. |

## 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. |
| Environmental precautions | Do not let product enter drains.. |
| Methods and materials for containment and cleaning up | Cover drains. Collect, bind, and pump off spills. 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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| Precautions for safe handling | For precautions see section 2.2. |
| Conditions for safe storage, including any incompatibilities Storage conditions | Tightly closed. Dry. Recommended storage temperature see product label. |
| Storage class | Storage class (TRGS 510): 13: Non Combustible Solids |
| Specific end use(s) | Apart from the uses mentioned in section 1.2 no other specific uses are stipulated |

## 8. Exposure controls and personal protection

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| Control parameters | Ingredients with workplace control parameters |
| Exposure controls | Personal protective equipment |
| 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 |
| 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 EN374 please |
| 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 entrepeneur 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. |
| Control of environmental exposur | Do not let product enter drains |





Gloves Suit

## 9. Physical and chemical properties

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| Physical State | Scales |
| Colour | White |
| Odour | No data available |
| Melting point/freezing point | Melting point/range: 234 - 236 °C |
| Initial boiling point and boiling range | 310 °C at 1.013 hPa |
| Flammability (solid, gas) | The product is not flammable. |
| Upper/lower flammability or explosive limits | No data available |
| Flash point | 150 °C - closed cup |
| Autoignition temperature | 530 °C |
| Decomposition temperature | No data available |
| pH | 3,8 at 0,6 g/l |
| Viscosity | Viscosity, kinematic: No data available Viscosity, dynamic: No data available |
| Water solubility | 0,37 g/l at 25 °C |
| Partition coefficient: n-octanol/water | Log Pow: 1,5log Pow: 1,1 |
| Vapor pressure | No data available |
| Density | 1,210 g/cm3 at 20 °C |
| Relative density | No data available |
| Relative vapor density | 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. |
| Chemical stability | The product is chemically stable under standard ambient conditions (room temperature) . |
| Possibility of hazardous reactions | Violent reactions possible with: Strong oxidizing agents Strong acids |
| Conditions to avoid | Strong heating. |
| Incompatible materials | No data available |
| 6 Hazardous decomposition products | In the event of fire: see section 5 |

## 11. Toxicological information

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| Acute toxicity | LD50 Oral - Rat - male - > 5.000 mg/kg (OECD Test Guideline 401) Inhalation: No data available Dermal: No data available |
| Skin corrosion/irritation | Skin - Rabbit Result: No skin irritation - 24 h |
| Serious eye damage/eye irritation | Eyes - Rabbit Result: No eye irritation (OECD Test Guideline 405) |
| Respiratory or skin sensitization | In vivo assay - Mouse Result: Does not cause skin sensitization. (OECD Test Guideline 429) |
| Germ cell mutagenicity | Test Type: Ames test Test system: S. typhimurium Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 471 Result: negative |
| Carcinogenicity | No data available |
| Reproductive toxicity | Overexposure may cause reproductive disorder(s) based on tests with laboratory animals |
| Specific target organ toxicity - single exposure | No data available |

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| Specific target organ toxicity - repeated exposure | Data available. |
| Aspiration hazard | Data available. |
| Assessment | 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. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated |

## 12. Ecological information

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| Toxicity | Static test EC50 - Pseudokirchneriella subcapitata (algae) - 161 mg/l - 72 h (OECD Test Guideline 201) |
| Biodegradability | Aerobic - Exposure time 14 d Result: 92 % - Readily biodegradable. (OECD Test Guideline 301C). |
| Bioaccumulative potential | 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 bioaccumulative (vPvB) at levels of 0.1% or higher |
| Assessmen | 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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| Waste treatment method | See www.retrologistik.com for processes regarding the return of chemicals and containers, or contact us there if you have further questions. |

## 14. Transport information

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| UN number | ADR/RID: -<br>IMDG: -<br>IATA: - |
| UN proper shipping name | ADR/RID: Not dangerous goods<br>IMDG: Not dangerous goods<br>IATA: Not dangerous goods |
| Transport hazard class(es) | ADR/RID: -<br>IMDG: -<br>IATA: - |
| Packaging group | ADR/RID: -<br>IMDG: - I<br>ATA: - |
| Environmental hazards | ADR/RID: No<br>IMDG Marine pollutant: No<br>IATA:No |
| Special precautions for user | No data available |
| Further information | Not classified as dangerous in the meaning of transport regulations. |

## 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 |
| 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 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. |