

1. Product and Company Identification

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Product Name 5 Sodiosulfo Isophthalic Acid
Part Number RXSOL-19-3386-050

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 | EC number | Weight |
|------------------------------------|-----------------|-----------|--------|
| 5-Sulfoisophthalic monosodium salt | acid, 6362-79-4 | 228-845-2 | 98 % |

3. Hazards Identification

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| Signal Word | Warning |
| Hazard Statements | Causes skin irritation Causes serious eye irritation May cause respiratory irritation. |
| Precautionary statements | Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection Avoid breathing dust/fume/gas/mist/vapors/spray Use only outdoors or in a well-ventilated area |
| Classification of the substance or mixture | Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008. |
| Supplemental Hazard Statements | None. |
| 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. Lachrymator. |

4. First Aid Measures

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| General advice | If symptoms persist, call a physician. |
| Eye Contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention. |
| Swallowed | If swallowed: give water to drink (two glasses at most). Seek medical advice immediately. In exceptional cases only, if medical care is not available within one hour, induce vomiting (only in persons who are wide awake and fully conscious), administer activated charcoal (20 - 40 g in a 10% slurry) and consult a doctor as quickly as possible. |
| Skin Contact | Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. |
| Inhalation | Remove to fresh air. If not breathing, give artificial respiration. Get |

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| Ingestion | medical attention if symptoms occur. Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur. |
| Most important symptoms and effects, both acute and delaye | None reasonably foreseeable. |
| Indication of any immediate medical attention and special treatment needed | No data available |

5. Fire-fighting Measures

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| Flammability | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| Extinguishing media | Use water spray, dry chemical, carbon dioxide, or chemical foam. |
| Unsuitable extinguishing media | No information available |
| Protective Equipment and Precautions for Firefighters | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |
| Hazardous Combustion Products | Carbon monoxide (CO). Carbon dioxide (CO ₂). Sodium oxides. Sulfur oxides. |
| Specific Hazards Arising from the Chemical | Keep product and empty container away from heat and sources of ignition. |

6. Accidental Release Measures

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| Personal precautions, protective equipment and emergency procedures | Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation |
| Environmental Precaution | Should not be released into the environment. |
| Methods and materials for containment and cleaning | Sweep up and shovel into suitable containers for disposal. Keep in suitable, closed containers for disposal. |

7. Handling and Storage

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| Handling | Wear personal protective equipment/face protection. Ensure adequate ventilation. Do not get in eyes, on skin, or on clothing. Avoid ingestion and inhalation. Avoid dust formation. |
| Storage | Keep containers tightly closed in a dry, cool and well-ventilated place |

8. Exposure controls and personal protection

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| Exposure Guidelines | This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. |
| Engineering Control | Ensure that eyewash stations and safety showers are close to the workstation location. |
| Eye/face protection | Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN 166. |
| Skin and Body Protection | Wear appropriate protective gloves and clothing to prevent skin exposure. |
| Respiratory protection | Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. |
| Hygiene Measures | Handle in accordance with good industrial hygiene and safety practice. |

9. Physical and chemical properties

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| Physical state | Powder Solid |
| Colour | White |
| Odour | Odorless |
| Odor Threshold | No data available |
| pH | 1.1 (30 %) |
| Melting Point | 373 - 375 °C / 703.4 - 707 °F |
| Boiling Point | No data available |
| Flash Point | No data available. |
| Evaporation Rate | Not Applicable |
| Flammability (solid, gas) | No data available |
| Explosive limits | No Data Available |
| Upper/lower flammability or explosive limits | No data available |
| Autoignition temperature | No data available |
| Decomposition temperature | No data available |
| Vapour pressure | No data available |
| Density | No data available |
| Relative Density | No data available |
| Relative vapor density | No data available |
| Freezing point | No data available |
| Viscosity | No data available |
| Partition coefficient | No data available |
| Explosive properties | No data available |
| Solubility | 380 g/l |
| Ignition temperature | No information available. |
| Particle characteristics | No data available |

10. Stability and reactivity

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| Reactivity | No data available |
| Stability | Stable under normal conditions. |
| Possibility of hazardous reactions | No data available |
| Conditions to avoid | Incompatible products. |
| Incompatible materials | Oxidizing agent |
| Hazardous decomposition products | Carbon monoxide (CO), Carbon dioxide (CO ₂), Sodium oxides, Sulfur oxides |

11. Toxicological information

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| Skin corrosion/irritation | Remarks: Mixture causes skin irritation. Skin - Rabbit Result: Irritations Remarks: (IUCLID) |
| Serious eye damage/eye irritation | Remarks: Mixture causes serious eye damage. |
| Respiratory or skin sensitization | Patch test: - In vitro study Result: negative Remarks: (ECHA) |
| Carcinogenicity | The table below indicates whether each agency has listed any ingredient as acarcinogen. |
| Germ cell mutagenicity | No data available |
| Reproductive toxicity | No data available |

12. Ecological information

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| Bioaccumulative potential | No data available |
| Persistence and degradability | Soluble in water Persistence is unlikely based on information available. |

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| Toxicity to fish | LC50 - Oncorhynchus mykiss (rainbow trout) - 0,65 mg/l - 96 h Remarks: (IUCLID) |
| Toxicity to daphnia and other aquatic invertebrates | EC50 - Daphnia magna (Water flea) - 2 mg/l - 48 h Remarks: (IUCLID) |
| Toxicity to algae | IC50 - algae - 0,88 mg/l - 72 h Remarks: (External MSDS) |
| Toxicity to bacteria | EC10 - Bacteria - 14 mg/l - 72 h Remarks: (Lit.) EC5 - E.coli - 15.000 mg/l Remarks: (Lit.) (maximum permissible toxic concentration) |
| Mobility in soil | Will likely be mobile in the environment due to its water solubility. |
| 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. |
| 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 | Harmful effect due to pH shift. Forms corrosive mixtures with water even if diluted. Neutralisation possible in waste water treatment plants. Discharge into the environment must be avoided. |

13. Disposal considerations

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| Waste treatment Method | Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification. |
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14. Transport information

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| UN number | ADR/RID: IMDG: IATA: |
| UN proper shipping name | ADR/RID: IMDG: IATA: |
| Transport hazard class(es) | ADR/RID: IMDG: IATA: |
| Packaging group | ADR/RID: IMDG: IATA: |
| Environmental hazards | ADR/RID: NO IMDG: NO IATA: NO |
| Further information | No data available |

15. Regulatory information

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| Inventory status | Components are on the following inventories: Polymaleic acid: - US TSCA, Canadian DSL, EU EINECS, Australian AICS, Korean, Philippine PICCS and Chinese Xi irritant R 36/38 Irritant to eyes & skin R 41 Risk of serious damage to eyes S24/25 Avoid contact with skin and eyes S26/28 In case of contact eyes & skin, rinse with plenty water and seek medical advice Section 312/313: Not listed. Not listed under California proposition 65. |
| 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 | Observe work restrictions regarding maternity protection in accordance to Dir 92/85/EEC or stricter national regulations where applicable. 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 |
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