

## 1. Product and Company Identification

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Product Name Tri Methyl Amine  
Part Number RXSOL-19-1474-210

### Company Details:

RX MARINE INTERNATIONAL  
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## 2. Composition / Information on ingredients

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| Chemical Name                                    | CAS  | EC number | Weight                                | Formula |
|--|--|-----------|---------------------------------------|---------|
| Trimethylamine                                   | 75-50-3  | 200-875-0 | 5.000 mg/kg (OECD Test Guideline 402) |         |
| Skin corrosion/irritation                        | Skin - Rabbit Result: slight irritation Remarks: (ECHA)  |           |                                       |         |
| Serious eye damage/eye irritation                | Eyes - Rabbit Result: Causes burns. Remarks: (ECHA) Remarks: Risk of corneal clouding.   |           |                                       |         |
| Respiratory or skin sensitization                | No data available  |           |                                       |         |
| Toxic Effects on Human                           | May cause damage to the following organs: upper respiratory tract. Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant, sensitizer), of ingestion, of inhalation (lung irritant, lung sensitizer).  |           |                                       |         |
| Carcinogenicity                                  | No data available  |           |                                       |         |
| 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 Test Type: gene mutation test Test system: mouse lymphoma cells Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 476 Result: negative |           |                                       |         |
| Reproductive toxicity                            | No data available  |           |                                       |         |
| Specific target organ toxicity - single exposure | No data available  |           |                                       |         |

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|---|---|
| Special Remarks on other Toxi Effects on Humans | <p>Acute Potential Health Effects: Skin: Causes skin irritation. May cause skin sensitization, an allergic reation, which becomes evident upon re-exposure to this material. Eyes: Causes eye irritation. Ingestion: Causes gastrointestinal (digestive) tract irritation with nausea, vomiting, and diarrhea. May be harmful if swallowed. Inhalation: Causes respiratory tract irritation. May cause chemical pneumonitis and pulmonary edema, inflammation, edema of bronchi and larynx. Chronic Potential Health Effects: Repeated or prolonged skin exposure may cause allergic reactions in sensitive individuals. Repeated or prolonged exposure by inhalation may affect respiration and metabolism.</p>  |
| Endocrine properties                            | <p>disrupting 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 - NOAEL (No observed adverse effect level) - 40 mg/kg RTECS: PA0350000 Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin., Cough, Shortness of breath, Headache, Nausea, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. After absorption: Nausea Headache Other information Under given conditions, contact with nitrites or nitric acid can lead to the formation of nitrosamines, which have shown themselves to be carcinogenic in animal experiments. Further data: Handle in accordance with good industrial hygiene and safety practice.</p> |

## 12. Ecological information

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|---|---|
| Bioaccumulative potential                           | No data available   |
| Persistence and degradability                       | Biodegradability aerobic - Exposure time 14 d Result: 92 % - Readily biodegradable. (OECD Test Guideline 301C)  |
| Toxicity to fish                                    | Semi-static test LC50 - <i>Oryzias latipes</i> (Orange-red killifish) - > 100 mg/l - 96 h (OECD Test Guideline 203)   |
| Toxicity to daphnia and other aquatic invertebrates | Static test EC50 - <i>Daphnia magna</i> (Water flea) - 28 mg/l - 48 h (OECD Test Guideline 202)   |
| Toxicity to algae                                   | Static test ErC50 - <i>Pseudokirchneriella subcapitata</i> (green algae) - > 100 mg/l - 72 h (OECD Test Guideline 201)  |
| Toxicity to bacteria                                | Static test EC50 - <i>Pseudomonas putida</i> - 208 mg/l - 17 h (DIN 38421 TEIL 8)   |
| Mobility in soil                                    | No Information 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.  |
| 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                               | Biological effects: Harmful effect due to pH shift. Further information on ecology Discharge into the environment must be avoided.  |

## 13. Disposal considerations

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|                        |  |
|------------------------|--|
| Disposal methods       | The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems. |
| Contaminated packaging | Dispose of as unused product.  |
| Waste treatment Method | Pressurised gas bottle: dispose of only in empty condition!  |

## 14. Transport information

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|----------------------------|--|
| UN number                  | ADR/RID: 1083 IMDG: 1083 IATA: 1083  |
| UN proper shipping name    | ADR/RID: Trimethylamine, anhydrous IMDG: Trimethylamine, anhydrous IATA: Trimethylamine, anhydrous |
| Transport hazard class(es) | ADR/RID: 2.1 IMDG: 2.1 IATA: 2.1   |
| 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 substance or mixture | This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.  |

|                            |  |
|----------------------------|--|
| National legislation       | Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. P2 FLAMMABLE GASES P2 FLAMMABLE GASES 18 Liquefied flammable gases (including LPG) and natural gas |
| 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

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