# Material Safety Data Sheet

**Nitrite Test Kit** (RXSOL-62-5507-001)

## 1. Product and Company Identifaction

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|---|---|
| Product Name | RXSOL-62-5507-001 |
| Product Type | Nitrite Test Kit |
| Revised Date | 17 - 04 - 2019 |

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA
Branch Stock Point : Koltkata, Mumbai, Chennai, Visakhapatnam, Kandla - Gandhidham, Fujairah

| | |
|---|---|
| Phone | +91 22 27815541 / 42 |
| Fax | +91 22 2781 1318 :::AOH :0091 9821214367 |
| Email | mail@rxmarine.com |


## 2. Composition / informationon ingredients

| Component: | EC No: | CAS No: | Hazard Class | Phrases: | Concentration: |
|---|---|---|---|---|---|
| Sulfanilic acid, sodium salt hydrate | 204-482-5 | 123333-70-0 | Skin Irritation (Category 2)<br>Eye Irritation (Category 2)Specific Target Organ<br>Toxicity, Single Exposure (Category 3)Xi | H315, H319, H335<br>R: 36/37/38 | > 10% - 20% |
| Trans-1,2-diaminocyclohexane-N,N,N',N'-Tetracetic acid monohydrate | 236-308-9 | 123333-90-4 | Skin Irritation (Category 2)<br>Eye Irritation (Category 2)<br>Specific Target Organ<br>Toxicity, Single Exposure (Category 3)Xi | H315, H319, H335<br>R: 36/37/38 | > 1% - 10% |

## 3. Hazards Identification

- Non-hazardous product as specified in Directives 67/548/EEC and 1999/45/EC.
- Non-hazardous product as specified in OSHA Regulation 29 CFR 1910.1200.
- Non-hazardous product as specified in Canadian Regulation SOR/88-66.
- Non-hazardous product as specified in Regulation (EC) 1272/2008.

## 4. First Aid Measures

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| After Inhalation | Remove to fresh air. |
| After Skin Contact: | Wash affected area with plenty of water. Remove contaminated clothing |
| After Eye Contact: | Rinse out with plenty of water. If pain persists, summon medical advice |
| After Swallowing | Drink plenty of water, induce vomiting. Obtain medical attention. |

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| General Information: | Remove contaminated, soaked clothing immediately and dispose of safely. |

## 5. Fire-fighting Measures

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| Suitable Extinguishing Media | Foam, Powder, Dry Sand |
| Special Risks: | Development of hazardous combustion gases or vapors possible in the event of fire. The following may develop in event of fire: Nitrogen Oxides,Sulfur Oxides |
| Special Protective Equipment: | Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus. |
| Additional Information: | Contain escaping vapors with water. Prevent fire-fighting water from entering surface water or groundwater |

## 6. Accidental Release Measures

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| Personal Precautions: | Avoid generation of dusts. Do not inhale dusts |
| Environmental Precautions: | Do not discharge into the drains/surface waters/groundwater |
| Additional Notes: | Take up dry. Clean up affected area and dispose according to local regulation |

## 7. Handling and Storage

**Handling:**

Accessible only for authorized persons.

**Storage:**

Store at room temperature (+15 to +25 °C). Tightly closed in a dry and well-ventilated place. Keep away from sources of ignition and heat

## 8. Exposure controls and personal protection

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| Engineering: | Maintain general industrial hygiene practice |
| Personal Protective Equipment: | Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. |
| Respiratory Protection: | Required when dusts are generated. Work under hood. |
| Protective Gloves: | Rubber or plastic |
| Eye Protection: | Goggles or face mask |

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| Industrial Hygiene: | Change contaminated clothing. Wash hands after working with substance. |

## 9. Physical and chemical properties

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| Appearance: | Liquids |
| Melting Point: | NA (decomposition |
| pH at 20°C: | ~ 3.1 at 11 g/L in water |
| Thermal Decomp | NA |
| Odor: | Odorless |
| Boiling Point: | NA |
| Explosion Limit | NA |
| Density at 20°C: | NA |
| Solubility: | Soluble |
| Flash Point | NA |

## 10. Stability and reactivity

| | |
|---|---|
| Conditions to be Avoided: | Heating |
| Hazardous Polymerization: | Will not occur. |
| Further Information: | Not available |
| Hazardous Decomposition Products: | In the event of fire: See section 5. |
| Substances to be Avoided: | Acids |

## 11. Toxicological information

**Product Toxicity :** Quantitative data on the toxicity of this product is not available

**Potential Health Effects:**

- Inhalation: Irritations. Other possible symptoms are: coughing, dyspnoea
- Skin Contact: Slight irritations
- Eye Contact: Slight irritations.
- Ingestion: Mucosal irritations
- Further Data: Further hazardous properties cannot be excluded. The product should be handled with the usual care when dealing with chemicals

**Component Toxicity**

Acute Toxicity : Not Available
Additional Data: Not Available
Chronic Toxicity: Not Available

## 12. Ecological information

Quantitative data on the ecological effect of this product is not available.

**Further Data :** No ecological problems are to be expected when the product is handled and used with due care and attention

## 13. Disposal considerations

**Waste Disposal :** Chemical residues are generally classified as special waste and thus covered by local regulations. Contact local authorities or disposal companies for advice. Handle contaminated packaging in the same way as the substance itself

## 14. Transport information

Road/Rail (ADR/RID)
Proper Shipping Name: Mixture of Inorganic, (CERIC (II) SULPHATE SOLUTION)
ADR UN No.: UN3264
ADR Packing Group: II
ADR subrisk: - NA
ADR Flashpoint: - NA

Sea (IMDG)
Proper Shipping Name:Mixture of Inorganic, (CERIC (II) SULPHATE SOLUTION)
IMDG UN No.: UN3264
IMDG Pack Group.: II IMDG EmS: F-A, S-B
IMDG subrisk:  NA
IMDG Flashpoint: NA

Air (ICAO/IATA)
Proper Shipping Name: Mixture of Inorganic, (CERIC (II) SULPHATE SOLUTION)
ICAO Un No.: UN3264
ICAO Packing Group.: II
ICAO subrisk: NA
ICAO Flashpoint: NA

## 15. Regulatory information

- Complies with European Regulations (EC) No. 1907/2006 and No. 1272/2008.
- Complies with European Council Directives 67/548/EEC and 1999/45/EC.
- Complies with OSHA Regulation 29 CFR 1910.1200.
- Complies with Canadian Regulation SOR/88-66

## 16. Other information

**Text of phrases under Section 3**

- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H335: May cause respiratory irritation.
- R: 36/37/38: Irritating to eyes, respiratory system and skin.

**Revision Information**

| | |
|---|---|
| Revision Date: | 2013-07-11 |
| Supersedes edition of: | 2012-06-01 |
| Reason for revision: | Regulation (EC) No. 1272/2008<br>Compliance |
| Legend | NA: Not Applicable<br>ND: Not Determined |

**THE INFORMATION CONTAINED HEREIN IS BASED ON THE PRESENT STATE OF OUR KNOWLEDGE. IT CHARACTERIZES THE PRODUCT WITH REGARD TO THE APPROPRIATE SAFETY PRECAUTIONS. IT DOES NOT REPRESENT A GUARANTEE OF THE PROPERTIES OF THE PRODUCT**.

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