# Material Safety Data Sheet

**RXSOL RX 5** (RXSOL-15-1672-005)

## 1. Product and Company Identifaction

| | |
|---|---|
| Product Name | RXSOL-15-1672-005 |
| Product Type | RXSOL RX 5 |

Company Details:

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

| | |
|---|---|
| Phone | +91 22 65113333 / 5555 / 9999 |
| Fax | +91 22 2781 1318 :::AOH :0091 9821214367 |
| Email | mail@rxmarine.com |


## 2. Composition / informationon ingredients

| Ingredient | Formula | CAS No. | Content |
|---|---|---|---|
| 3-(1 METHYL ETHYL) BICYCLO (2.2.1) HEPT-5-ENE-2-CARBOXYLIC ACID ETHYL ESTER | Not Available | 116044-44-1 | 1% |
| NONIONIC SURFACTANT(S) | Not Available | Not Available | 15% |
| BENZYL SALICYLATE | C14-H12-O3 | 118-58-1 | 1% |
| CITRONELLOL | C10-H20-O | 106-22-9 | 1% |
| HYDROCINNAMALDEHYDE, P-TERT-BUTYL-ALPHA-METHYL | C14-H20-O | 80-54-6 | 1% |
| NON HAZARDOUS INGREDIENTS | Not Available | Not Available | remainder |

## 3. Hazards Identification

**RISK PHRASES**

- R41 Risk of serious damage to eyes.
- R43 May cause sensitisation by skin contact.

**SAFETY PHRASES**

- S24/25 Avoid contact with skin and eyes.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S28 After contact with skin, wash immediately with plenty of water.

**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE**

- UN No.: None Allocated
- Packing Group :None Allocated
- DG Class :None Allocated
- Hazchem Code :None Allocated
- Subsidiary Risk(s) :None Allocated

## 4. First Aid Measures

| | |
|---|---|
| **Eye** | If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes |
| **Inhalation** | If inhaled, remove from contaminated area. Apply artificial respiration if not breathing |
| **Skin** | If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water |
| **Ingestion** | For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). |
| **Advice to Doctor** | The manufacturer recommends treating the patient symptomatically |

## 5. Fire-fighting Measures

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|---|---|
| **Flammability** | Non flammable. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition |
| **Fire and Explosion** | Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas |
| **Extinguishing** | Prevent contamination of drains or waterways |
| **Hazchem Code** | None Allocated |

## 6. Accidental Release Measures

**Spillage :** If spilt (bulk), use personal protective equipment. Contain spillage, then cover / absorb spill with non-combustible absorbant material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. Prevent spill entering drains or waterways. CAUTION: Spill site may be slippery

## 7. Handling and Storage

**Storage :**Store in a cool, dry, well ventilated area, removed from oxidising agents, acids and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use

**Handling :**Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating,drinking and smoking in contaminated areas

## 8. Exposure controls and personal protection

| | |
|---|---|
| **Exposure Stds** | No exposure standard(s) allocated |
| **Biological Limits** | No Biological Limit Value allocated |
| **Engineering Controls** | Avoid inhalation. Use in well ventilated areas |
| **PPE** | Wear splash-proof goggles and PVC or rubber gloves. When using large quantities or where heavy contamination is likely, wear: coveralls. |

## 9. Physical and chemical properties

| | |
|---|---|
| Appearance | CLEAR DARK RED LIQUID |

| | |
|---|---|
| Odour | SLIGHTLY PERFUMED ODOUR |
| pH | 9.0 (Approximately |
| Vapour Pressure | NOT AVAILABLE |
| Vapour Density | NOT AVAILABLE |
| Boiling Point | 100°C (Approximately) |
| Melting Point | NOT AVAILABLE |
| Evaporation Rate | NOT AVAILABLE |
| Solubility (water) | SOLUBLE |
| Specific Gravity | 1.01 |
| % Volatiles | NOT AVAILABLE |
| Flammability | NON FLAMMABLE |
| Flash Point | NOT RELEVANT |
| Upper Explosion Limit | NOT RELEVANT |
| Lower Explosion Limit | NOT RELEVANT |

## 10. Stability and reactivity

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|---|---|
| **Chemical Stability** | Stable under recommended conditions of storage |
| **Conditions to Avoid** | Avoid heat, sparks, open flames and other ignition sources |
| **Material to Avoid** | Incompatible with oxidising agents and acids (eg. nitric acid). |
| **Hazardous Decomposition Products** | May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition |
| **Hazardous Reactions** | Polymerization will not occur |

## 11. Toxicological information

| | |
|---|---|
| Health Hazard | Use safe work practices to avoid eye or skin contact and inhalation. May cause sensitisation by skin contact |
| Summary | Discontinue use if allergic reaction occurs. Possible sensitising agent. |
| Eye | Contact may result in irritation, lacrimation, pain and redness. |
| Inhalation | Over exposure may result in irritation of the nose and throat, with coughing. Due to the low vapour pressure, an inhalation hazard is not anticipated with normal use |
| Skin | Contact may result in drying and defatting of the skin, rash and dermatitis. May cause sensitisation by skin contact. |
| Ingestion | Ingestion of large quantities may result in nausea, vomiting and gastrointestinal irritation |

Toxicity Data BENZYL SALICYLATE (118-58-1)
LD50 (Ingestion): 2227 mg/kg (rat) CITRONELLOL (106-22-9)
LD50 (Ingestion): 3450 mg/kg (rat)
LD50 (Intramuscular): 4000 mg/kg (mouse)
LD50 (Skin): 2650 mg/kg (rabbit)
LD50 (Subcutaneous): 880 mg/kg (mouse) HYDROCINNAMALDEHYDE, P-TERT-BUTYL-ALPHA-METHYL- (80-54-6)
LD50 (Ingestion): 1390 mg/kg (rat)
LD50 (Intraperitoneal): 700 mg/kg (mouse)
TDLo (Ingestion): 500 mg/kg (rat)
TDLo (Skin): 10 g/kg (rat)

## 12. Ecological information

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|---|---|
| **Environment** | Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment |
| **Ecotoxicity** | May be toxic to fish and aquatic microorganisms. |

| | |
|---|---|
| **Persistence / Degradability** | Limited information was available at the time of this review |
| **Mobility** | Limited information was available at the time of this review. |

## 13. Disposal considerations

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|---|---|
| **Waste Disposal** | For small amounts, absorb with sand, vermiculite or similar and dispose of to an approved landfill site. For larger amounts, contact the manufacturer for additional information. Prevent contamination of drains or waterways as aquatic life may be threatened and environmental damage may result |
| **Legislation** | Dispose of in accordance with relevant local legislation |

## 14. Transport information

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

| | |
|---|---|
| **Shipping Name** | None Allocated |
| **UN No.** | None Allocated |
| **Packing Group** | None Allocated |
| **DG Class** | None Allocated |
| **Hazchem Code** | None Allocated |
| **Subsidiary Risk(s)** | None Allocated |

## 15. Regulatory information

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|---|---|
| **Poison Schedule** | A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP). |
| **AICS** | All chemicals listed on the Australian Inventory of Chemical Substances (AICS). |

## 16. Other information

**Additional Information**

**ABBREVIATIONS:**
ACGIH - American Conference of Industrial Hygienists.
ADG - Australian Dangerous Goods.
BEI - Biological Exposure Indice(s).
CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.
CNS - Central Nervous System.
EC No - European Community Number.
HSNO - Hazardous Substances and New Organisms.
IARC - International Agency for Research on Cancer.
mg/m3 - Milligrams per Cubic Metre.
NOS - Not Otherwise Specified.
pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm - Parts Per Million.

RTECS - Registry of Toxic Effects of Chemical Substances.
STEL - Short Term Exposure Limit.
SWA - Safe Work Australia.
TWA - Time Weighted Average.

**HEALTH EFFECTS FROM EXPOSURE:**
It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

**PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:**
The recommendation for protective equipment contained within this Chem Alert report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made. Report Status

This document has been compiled by RMT on behalf of the manufacturer of the product and serves as the manufacturer's Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer.

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