# Material Safety Data Sheet

**Cooling Treat 2910** (RXSOL-40-4090-025)

## 1. Product and Company Identifaction

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|---|---|
| Product Name | Cool water Treat Inhibitor Cool water Treat Corrosion Inhibitor 2910 (Corrosion Inhibitor) |
| Product Code | RXSOL-40-4090-025 |

Company Details:

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

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Vizag, Fujairah, Muscat

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

## 2. Composition / informationon ingredients

| Compoent | CAS | % by wt. | Exposure guidlines |
|---|---|---|---|
| Sodium Nitrite | 7623-00-0 | 30-40 | NE |
| Sodium Hydroxide | 1310-73-2 | 10 | 2 mg/m3 |
| Water Softener- Polymer Blend | Proprietory | 15-20 | NE |

## 3. Hazards Identification

**Environmental Hazards :**

This preparation is as dangerous. Toxic to aquatic organisms

**Physical/ Chemical Hazards :**

- If product is allowed to dry, the sodium is an oxidizing agent
- Can initiate the combustioj of other agent
- Contact acids libertes Toxic gases

## 4. First Aid Measures

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| **Skin** | Remove contaminated clothing. Wash skin throughly with soap water |
| **Eyes** | Flus eyes liberally with low pressure water for least 15 minutes, lift the eyelids occasionally to aid removed od material |
| **Inhalation** | Immeditely move personnel to area of fresh air. For respitory distress,give air.Oxygen or administer CPR (Cardiopulmonary Resucition),if necessary. Obtain medical attention immedlitely. |
| **Ingestion** | Rinse mouth with water. Do not induce vomiting unless by medical personnel. Obtain medical attention |

## 5. Fire-fighting Measures

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| **Fire extingishing media** | Not expected to burn use extingushing media appropriate for surounding fore |

| | |
|---|---|
| **Basic fire fighting procedure** | Water apray is recommended to cool fire exposed surfaces and to protect personel. Wear self contained breathing appratus |
| **Unusual fire & explosion hazards** | Oxides of Nitrogen oxides of Carbon (under fire conditions). If product is allowed to dry, the sodium nitrite is an oxidesing agent and intiate the combustion of other materials |

## 6. Accidental Release Measures

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| **Personnel precautions** | Use personnel protective equipment,breathing apparatus required only in fire sitution |
| **Evironmental precautions** | Do not flush into surface area or sanitary sewer system,use aborent like sand or absorbet material saw dust, waste cotton etc. to contain spill prevent material from entering and waterways |

## 8. Exposure controls and personal protection

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| **Eye protection** | Water chemical splash gogles and face shield(ANSI Z87.1 or approved equivalent) |
| **Skin & body protection** | Where splashing is possible, fully chemical restant protectiove light weight clothing(chemical resitant apron)and safety boots are required |
| **Respiratory preection** | An approved respiator must be worn,if the occupational exposure limit is likely to be exceeded, filter type A/P-3 |

## 9. Physical and chemical properties

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| **Appearance Form** | Liquid at 25 $^{0}$C |
| **Density** | 1.02-1.18 |
| **Solubility** | completely solule in water |
| **Odour** | odourless |
| **Boiling point** | >100 $^{0}$C |
| **pH** | Alkaline |

## 10. Stability and reactivity

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|---|---|
| **Stability/ incompatibility** | State at ambient temperture |
| **Materials to avoid** | Avoid contact chemical, acids,organic materials, and reducing agents |
| **Hazardus de-compositiin product** | Oxides of Nitrogen, Oxides of Carbon etc. |

## 11. Toxicological information

**Acute toxicity :** the following results are for the active

**Acute lethality Valuues :** Sodium Nitric oral (rat) LD 50-85 mg/kg

## 12. Ecological information

No data avalible on the product

ADDITIONAL ECOLIGICAL DATA - Nitrite is to fish

## 13. Disposal considerations

**Waste disposal :** Dispose according to lical, stae federal requirment. THis is not suitable for disposal by either landfill or muncipal sewer, dreins nature or reiver

## 14. Transport information

**Hazard Label : Corrosive liquid,Toxic n.o.c. ADR NO :86**
UN number : 2922
Class : 8
Packing group :III
EMS : F-A-S-B

## 15. Regulatory information

Classification and Labeling According to ECC Directves
Hazard Symbol : TOXIC
Hazard symbol : Dangerous for the environment
Governing Directive : Dangerous Substances Directive 67/548/Eec, As Modified

| | |
|---|---|
| **Label Name** | **Corrosive liquid,Toxic** |
| Nature of special Risk | R25 Toxic swallwed.<br>R34 Causes burns.<br>R50 Toxic to aquatic orgnisms |
| Safety Advice | S36/37/38 Wear suitable protective clothing and eye/face protection.<br>S26 In cse of contact with eyes rinse immeditely with plenty of water |

## 16. Other information

**Recommeded use :** Corrosion inhibitor for the closed cooling system

**Notice :** This information related specifically ti the peoduct designated and may not vaild product when used in combination with any other material or product process. The information is to the bewst of our knowledge and belief, acrate and relible as of the date compiled. Howevwe no repersentaion warreanty or guarantee is made as to its accrancy, reliablity or completencess.It emplyees or customers in accordance fedreal state or local hazrds communications requirement. We do ot accept resonsible for any loss damage which may from use of this information.