# Material Safety Data Sheet

**DCWT NON Chromate** (RXSOL-25-4010-220)

## 1. Product and Company Identifaction

| | | |
|---|---|---|
| Product Name | : | RXSOL-40-4010-0210 |
| Product Type | : | Engine Water Treatment 210 Ltr |

**Company Details:**

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

| | | |
|---|---|---|
| Phone | : | +91 22 65113333 / 5555 / 9999 / 27611360 |
| Fax | : | +91 22 2781 1318 :::AOH :0091 9821214367 |
| Email | : | mail@rxmarine.com |
| Website | : | www.rxmarine.com |

## 2. Composition / informationon ingredients

| Chemica Name | Concentration | CAS Number | EC Number | R Phrases* | Symbols |
|---|---|---|---|---|---|
| Sodium nitrite | 10-30 | 7632-00-0 | 231-555-9 | 8, 25, 50 | T, O,N |
| Sodiumtetraborate 10 aq | 1-5 | 1303-96-4 | 215-540-4 | 62,63 | Xn |
| Benzothiazol-2-thiol | 0.1-.02 | 149-30-4 | 2299129 | 34,37 | O |

| | | |
|---|---|---|
| Sodium Hydroxide | 1 - 5 % | 0 0 13 1 0 -7 3 -2 |
| Bo rax | 5 % | 1 33 0 -4 3 -4 |
| Sulphonated Polymer | 1-5% | Not listed |
| Benzotriazole | 1% | 95147 |
| Dichlorophen | 1% | 2025671 |

*See Section 16

## 3. Hazards Identification

| | |
|---|---|
| Odour | Odourless |
| Appearance | Pale Yellowis to Clear Liquid, soluble in water |
| Contact with eyes | May cause pain |
| Contact with skin | In cases of severe exposure, severe irritation may develop |
| Inhalation | Vapours or aerosols may cause irritation of eyes, nose and respiratory tract |
| Ingestion | Toxic if swallowed (R25) |

## 4. First Aid Measures

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|---|---|
| Contact with skin | Remove contaminated clothing immediately and drench affected skin with plenty of water<br>Contaminated clothing should be laundered before reuse<br>When in doubt or symptoms persist, seek medical attention |

| | |
|---|---|
| Contact with eyes | If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes<br>Irrigate eyes thoroughly whilst lifting eyelids<br>Obtain immediate medical attention |
| Ingestion | Never make an unconscious person vomit or drink fluids<br>Give water or milk to drink<br>Induce vomiting (only if patient is conscious)<br>Obtain immediate medical attention |
| Inhalation | Inhalation is unlikely to occur<br>Remove patient to fresh air<br>When in doubt or symptoms persist, seek medical attention |
| General | In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) |

## 5. Fire-fighting Measures

- Nitrogen oxides may be formed
- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
- Substance evolves toxic fumes, wear self-contained breathing apparatus

## 6. Accidental Release Measures

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| Personal Precautions | Wear protective clothing as per section 8 |
| Environmental Precautions | Do not allow to enter public sewers and watercourses |
| Immediate Actions | Use appropriate containment to avoid environmental contamination (S57) |
| Clean Up Actions | Absorb spillage in inert material and shovel up<br>Ventilate the area and wash spill site after material pick-up is complete |
| Special Precautions | Wear protective clothing as per section 8 |

## 7. Handling and Storage

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|---|---|
| Handling | Wear protective clothing as per section 8<br>Avoid contact with skin and eyes (S24/25)<br>Eyewash bottles should be available |
| Storage | Keep only in the original container in a cool, well ventilated place (S3/9/49)<br>Protect from heat<br>Protect from frost |

## 8. Exposure controls and personal protection

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|---|---|
| Exposure controls | No special precautions are required for this product |
| Occupational exposure controls | Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended) |

## 9. Physical and chemical properties

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|---|---|
| Odour | Odourless |
| Appearance | Pale yellowish to clear  Liquid, soluble in water |
| pH | 8.5 - 9.5 at 100 % concentration |
| Boiling point | >100 °C at 760 mm /Hg |
| Vapour pressure | not known |
| Vapour density | not applicable |
| Freezing point | 0 °C at 760 mm/Hg |
| Completely soluble in water | |
| Specific gravity (water=1) | 1.10 |

## 10. Stability and reactivity

- This article is considered stable under normal conditions
- Avoid contact with acid
- Incompatible with acid, Contact with acids liberates toxic gas (R31)
- See Section 5

## 11. Toxicological information

| | |
|---|---|
| Toxicological information | No experimental data available |
| Inhalation | Not applicable |
| Contact with skin | In cases of severe exposure, severe irritation may develop |
| Contact with eyes | May cause severe irritation<br>May cause pain |
| Ingestion | Toxic if swallowed (R25) |
| Carcinogenicity | No evidence of carcinogenic effects |

## 12. Ecological information

| | |
|---|---|
| Ecotoxicity | This product contains components which are classified in the EU as dangerous for the environment.<br>May cause acute effects in the aquatic environment |
| Mobility | Completely soluble in water |
| Persistence and Biodegradability | Its main ingredients will either dissolve rapidly and dissociate in water or are readily/inherently biodegradable. |
| Bioaccumulation Potential | Bioaccumulation of the components in this product is insignificant. |
| Other Adverse Effects | No environmental problems are expected when the product is used / handled correctly. In its intended use, the product will not be released into the environment. |

## 13. Disposal considerations

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|---|---|
| Classification | EU Waste class: 06.03 This material and/or its container must be disposed of as hazardous waste |
| Disposal considerations | Do not discharge into drains or the environment, dispose to an authorised waste collection point Disposal should be in accordance with local, state or national legislation |

## 14. Transport information

- Not classified as hazardous for transport

## 15. Regulatory information

| | |
|---|---|
| Classification and labeling | Contains Benzothiazol-2-thiol. May produce an allergic reaction.<br>Cooling Water Treatment 15 Regulatory information (....) |
| Risk Phrases | Toxic if swallowed (R25) |
| Safety Phrases | Wear suitable protective clothing, eye/face protection and gloves (S36/37/39)<br>In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45) This material and its container must be disposed of in a safe way (S35) |

## 16. Other information

Text of R and S phrase codes used in this safety data sheet:- R25: Toxic I f swallowed; R43: May cause sensitisation by skin contact; R50: Very toxic to aquatic organisms; R50/53: Very toxic to a quatic organisms, may cause long-term adverse effects in the aquatic environment; R62: Possible risk of I mpaired fertility; R63: Possible risk of harm to the unborn child; R8: Contact with combustible material may cause fire.The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents.The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product.In terms of safetyr equirements and does not signify any warranty with regard to the product's properties The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application (s) without seeking advice from manufacturer

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