

## 1. Product and Company Identification

www.rxmarine.com

Product Name RXSOL-43-4093-025  
Product Type Bio Dispersant (Cooling Water Treatment)

### Company Details:

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

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| Name  | CAS -No.   | Content % | Classification (67/548/EEC) |
|---|------------|-----------|-----------------------------|
| SODIUM DI-2-ETHYLHEXYL<br>SULPHOSUCCINATE<br>50-70% | 577-11-7   | 20-40%    | Xi;R38,R41. R10.            |
| LABSA   | 27176-87-0 | 10-15     | R10                         |
| Polyethylene Glycol Alkyl aryl<br>ethers            | 31726-34-8 | 10-45     | NA                          |
| Polymer Blend Proprietary                           | -----      | 10-25     | NA                          |

The Full Text for all R-Phrases is Displayed in Section 16

## 3. Hazards Identification

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CLASSIFICATION (1999/45) Xi;R38, R41. Irritating to skin. Risk of serious damage to eyes.

## 4. First Aid Measures

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|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.   |
| <b>Ingestion</b>    | NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.  |
| <b>Skin contact</b> | Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.   |
| <b>Eye contact</b>  | Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse. |

## 5. Fire-fighting Measures

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|                                    |  |
|------------------------------------|--|
| <b>Extinguishing media</b>         | This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials. |
| <b>Protective measures in fire</b> | Self contained breathing apparatus and full protective clothing must be worn in case of fire.      |

## 6. Accidental Release Measures

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|                                  |   |
|----------------------------------|---|
| <b>Personal precautions</b>      | Wear protective clothing as described in Section 8 of this safety data sheet.   |
| <b>Environmental precautions</b> | Do not discharge into drains, water courses or onto the ground. Observe all national regulations  |
| <b>Spill clean up methods</b>    | Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer. |

## 7. Handling and Storage

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|                            |  |
|----------------------------|--|
| <b>Usage precautions</b>   | Avoid spilling, skin and eye contact.  |
| <b>Storage precautions</b> | Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. |
| <b>Storage class</b>       | Chemical storage.  |

## 8. Exposure controls and personal protection

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**Ingredient comments** WEL = Workplace Exposure Limits

**Protective equipment**

**Process conditions** Provide eyewash station.

**Engineering measures** Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

**Respiratory equipment** No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

**Hand protection** Use suitable protective gloves if risk of skin contact.

**Eye protection** If risk of splashing, wear safety goggles or face shield.

**Other protection** Wear appropriate clothing to prevent any possibility of skin contact.

**Hygiene measures** DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

## 9. Physical and chemical properties

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|                           |                   |
|---------------------------|-------------------|
| <b>Appearance</b>         | Liquid            |
| <b>Colour</b>             | Yellow.           |
| <b>Odour</b>              | Characteristic.   |
| <b>Solubility</b>         | Soluble in water. |
| <b>Boiling point (°c)</b> | ~100              |
| <b>Relative density</b>   | ~1.05             |

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|                            |           |
|----------------------------|-----------|
| pH-value, diluted solution | 6-7.5     |
| Flash point                | (°C) >100 |

## 10. Stability and reactivity

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**Stability** Stable under normal temperature conditions.

**Conditions to avoid** Avoid excessive heat for prolonged periods of time.

**Materials to avoid** Strong oxidising substances. Acids Bases, alkalis (inorganic).

**Hazardous decomposition products**

**Fire creates:** Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 11. Toxicological information

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|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Irritating to respiratory system. Vapours may irritate throat and respiratory system and cause coughing.                |
| <b>Ingestion</b>    | May cause discomfort if swallowed. Irritating. May cause nausea, stomach pain and vomiting.                             |
| <b>Skin contact</b> | Liquid may irritate skin.   |
| <b>Eye contact</b>  | Risk of serious damage to eyes. Irritating and may cause redness and pain. Visual disturbances including blurred vision |

## 12. Ecological information

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|                      |   |
|----------------------|---|
| <b>Ecotoxicity</b>   | Not regarded as dangerous for the environment.                |
| <b>Mobility</b>      | The product is water soluble and may spread in water systems. |
| <b>Degradability</b> | The product is biodegradable.                                 |

## 13. Disposal considerations

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|                            |  |
|----------------------------|--|
| <b>General information</b> | Waste is suitable for incineration.  |
| <b>Disposal methods</b>    | Dispose of waste and residues in accordance with local authority requirements. |

## 14. Transport information

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|                             |                 |
|-----------------------------|-----------------|
| <b>Road transport notes</b> | Not classified. |
| <b>Rail transport notes</b> | Not classified. |
| <b>Sea transport notes</b>  | Not classified. |
| <b>Air transport notes</b>  | Not classified. |

## 15. Regulatory information

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**Labelling** Irritant

**Risk phrases** R38 Irritating to skin.

R41 Risk of serious damage to eyes.

**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. S37/39 Wear suitable gloves and eye/face protection. S60 This material and its container must be disposed of as hazardous waste.

#### **Eu directives**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

#### **Statutory instruments**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

## **16. Other information**

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**Risk phrases in full** R10 Flammable.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

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