Material Safety Data Sheet

Bio Dispersant Cooling Water Treatment Fouling Control (RXSOL-40-4093-210)

1. Product and Company Identifaction

Product Name	RXSOL-40-4093-210
Product Type	Bio Dispersant (Cooling Water Treatment)

Company Details:

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

Phone	+91 22 65113333 / 5555 / 9999
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2. Composition / informationon ingredients

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

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

3. Hazards Identification

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

4. First Aid Measures

Inhalation	Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Ingestion	NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.
Skin contact	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.
Eye contact	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

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

6. Accidental Release Measures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.
Environmental precautions	Do not discharge into drains, water courses or onto the ground. Observe all national regulations
Spill clean up methods	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

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

8. Exposure controls and personal protection

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

Appearance	Liquid

Colour	Yellow.
Odour	Characteristic.
Solubility	Soluble in water.
Boiling point (°c)	~100
Relative density	~1.05
pH-value, diluted solution	6-7 5
Flash point	(°c) >100

10. Stability and reactivity

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 (CO2).

11. Toxicological information

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

12. Ecological information

Ecotoxicity	Not regarded as dangerous for the environment.
Mobility	The product is water soluble and may spread in water systems.
Degradability	The product is biodegradable.

13. Disposal considerations

General information	Waste is suitable for incineration.
Disposal methods	Dispose of waste and residues in accordance with local authority requirements.

14. Transport information

Road transport notes	Not classified.
Rail transport notes	Not classified.
Sea transport notes	Not classified.
Air transport notes	Not classified.

15. Regulatory information

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

Risk phrases in full R10 Flammable.

R38 Irritating to skin.

R41Risk of serious damage to eyes.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication; however no guarantee is made to its accuracy. The information given is prepared only as guidance for safe handling, use, processing, storage, transportation, disposal and release and should not be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material when used in combination with any other materials or in any process, unless specified in this Safety Data Sheet.