Material Safety Data Sheet

RXSOL 2100 (RXSOL-40-4037-210)

1. Product and Company Identifaction

Product Name	RXSOL 2100
Product Type	Diesel Locomotive Cooling System Treatment

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / informationon ingredients

Chemica Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols Disodium
Borax	1-5%	1330-43-4	215-540-4	62,63	T O N
Sodium Nitrite	5-10 %	7632-00-0	231-555-9	8,25,50	Xn
Sodium Nitriloacetate	0.1 - 1%	18662-53-8	500-529-1	41	Xi
Organic Acid Salt	0.5 -1%	NA	NA	NA	

3. Hazards Identification



Odour	Characteristic odour.
Appearance	Liquid, Red, soluble in water.
Contact with eyes	Causes irritation.
Contact with skin	In cases of severe exposure, 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

Contact with skin	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water Seek medical advice if necessary
Contact with eyes	If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes .Obtain immediate medical attention Ingestion, Never give anything by mouth to an unconscious person Give plenty of water to drink
Ingestion	Never give anything by mouth to anunconscious person . Give plenty of water to drink . Obtain immediate medical attention
Inhalation	Remove patient to fresh air. Keep warm and at rest, in a half up right position. Loosen clothing.Seek medical attention if irritation persists
General	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)

5. Fire-fighting Measures

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

Personal Precautions	Wear protective clothing as per section 8
Environmental Precautions	No special precautions are required for this product Immediate Actions. Shut off source of leak if safe to do so
	-Absorb spillage in inert material and shovel up
Clean Up Actions	-Ventilate the area and wash spill site after material pick-up is complete

7. Handling and Storage

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

8. Exposure controls and personal protection

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)
Occupational exposure controls	-Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended) No respiratory protection is required unless subject to contact with substance mist.



Gloves



Goggles



Suit

9. Physical and chemical properties

Odour	Characteristic odour
Appearance	Dark Red Liquid , soluble in water
pH	12.1
Boiling point	>100 °C at 760 mm / Hg
Vapour pressure	Non Specified
Vapour Density	Non Specified
Specific Gravity	Non Specified

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.
Contact with skin	In cases of severe exposure, redness and irritation may develop.
Contact with eyes	Causes irritation. 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.
- 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

Classification	This material and/or its container must be disposed of as hazardous waste EU Waste class
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

Risk Phrases:
- Toxic if swallowed (R25)

Safety Phrases:
- Wear suitable protective clothing, eye/face protection and gloves (S36/37/39)
- 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

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Rx Marine International be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.