

Material Safety Data Sheet

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



1. Product and Company Identification

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
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2. Composition / information on ingredients

Component	CAS	% by wt.	Exposure guidelines
Sodium Nitrite	7623-00-0	30-40	NE
Sodium Hydroxide	1310-73-2	10	2 mg/m3
Water Softener- Polymer Blend	Proprietary	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 combustion of other agent
- Contact acids liberates Toxic gases

4. First Aid Measures

Skin Remove contaminated clothing. Wash skin thoroughly with soap water

Eyes Flush eyes liberally with low pressure water for least 15 minutes, lift the eyelids occasionally to aid removal of material

Inhalation Immediately move personnel to area of fresh air. For respiratory distress, give air. Oxygen or administer CPR (Cardiopulmonary Resuscitation), if necessary. Obtain medical attention immediately.

Ingestion Rinse mouth with water. Do not induce vomiting unless by medical personnel. Obtain medical attention

5. Fire-fighting Measures

Fire extinguishing media Not expected to burn use extinguishing media appropriate for surrounding fire

Basic fire fighting procedure	Water spray is recommended to cool fire exposed surfaces and to protect personnel. Wear self contained breathing apparatus
Unusual fire & explosion hazards	Oxides of Nitrogen oxides of Carbon (under fire conditions). If product is allowed to dry, the sodium nitrite is an oxidizing agent and initiate the combustion of other materials

6. Accidental Release Measures

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

8. Exposure controls and personal protection

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

9. Physical and chemical properties

Appearance Form	Liquid at 25 °C
Density	1.02-1.18
Solubility	completely soluble in water
Odour	odourless
Boiling point	>100 °C
pH	Alkaline

10. Stability and reactivity

Stability/ incompatibility	State at ambient temperature
Materials to avoid	Avoid contact chemical, acids, organic materials, and reducing agents
Hazardous decomposition product	Oxides of Nitrogen, Oxides of Carbon etc.

11. Toxicological information

Acute toxicity : the following results are for the active

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

12. Ecological information

No data available on the product

ADDITIONAL ECOLOGICAL DATA - Nitrite is to fish

13. Disposal considerations

Waste disposal : Dispose according to local, state federal requirement. This is not suitable for disposal by either landfill or municipal sewer, drains nature or river

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 Directives

Hazard Symbol : TOXIC

Hazard symbol : Dangerous for the environment

Governing Directive : Dangerous Substances Directive 67/548/Eec, As Modified

Label Name	Corrosive liquid, Toxic
	R25 Toxic swallowed.
Nature of special Risk	R34 Causes burns. R50 Toxic to aquatic organisms
Safety Advice	S36/37/38 Wear suitable protective clothing and eye/face protection. S26 In case of contact with eyes rinse immediately with plenty of water

16. Other information

Recommended use : Corrosion inhibitor for the closed cooling system

Notice : This information related specifically to the product designated and may not valid product when used in combination with any other material or product process. The information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However no representation warranty or guarantee is made as to its accuracy, reliability or completeness. It employees or customers in accordance federal state or local hazards communications requirement. We do not accept responsible for any loss damage which may from use of this information.

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