Material Safety Data Sheet

Radiator Coolant 20% Conc. (RXSOL-40-4045-025)

1. Product and Company Identifaction

Product Name	**Radiator Coolant 20% Conc.**
Product Type	**RXSOL-40-4045-025**

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

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2. Composition / informationon ingredients

Hazardous ingredients	: MEG 12 - 15%
CAS NO.	: 203-473-3

3. Hazards Identification

Health hazardous : Harmful if swallowed. Irritating to skin. Risk of serious damage to eyes. Harmful: danger of serious damage to health, by prolonged exposure and if swallowed.

4. First Aid Measures

Inhalation : Remove patient to a clean atmosphere and administer oxygen if it is becessary. Consult a physician immediately.

Skin Contact : Flush exposed are with cool water, if irritation persists, consult a physician immediately.

Eye Contact : Flush eyes for 30 minutes with cool water, if irritation developed, consult a physician immediately.

Ingestion : Do not induce vomiting. Have patient drink large amounts of water or milk. Consult a physician immediately.

5. Fire-fighting Measures

Fire Hazard : Product is water based and in wet form, its fire hazard is low. The dried product is combustible, decomposition products can be toxic.

Extinguishing media	:	Water, powder, sand…all extinguishing media are suitable. Protective clothing and seld-contained breathing equipment should be available for firemen. To prevent environmental damage, if possible collect water used to extinguish the fire in containers.

6. Accidental Release Measures

Personal protection	:	Wear PVC-gloves and goggles to contain spillage. Avoid repeated skin contact.
Environment precautions	:	Prevent the product contaminating soil and groundwater. Prevent the product enetring sewers and aterways. Cfr.Section 12.
Cleaning / recovery	:	Large spillages : contain and pump into containers Small spillages : absorb on sand, earth…and collect into containers for disposal. Disposal should always comply with local, national or EEC regulations. Cfr.Section 13.

7. Handling and Storage

Handling	:	Good industrial and personal hygiene practice should be followed. No eating and drinking in the workplace. Ensure adequate ventilation
Storage	:	between +5 and +40°C. Protect from frost and direct sunlight. Drums and bottles : material is plastic or steel. Bulk tanks : stainless steel, plastic coated material Clean bulk tanks periodically to prevent accumulation of bacteria.
Specific use	:	Use the best available methods of handling our Products whereby the employees enjoy maximum safety and whereby the environment is minimally affected.

8. Exposure controls and personal protection

Exposure limit values	:	No danger in normal ambient conditions. There are no specific limiting values for professional exposure. There are no biological limiting values. User should determine the conditions for safe use of the product. Cfr.
Exposure controls	:	
Occupational exposure controls	:	Respiratory protection : not applicable Hand protection : waterproof PVC-gloves (CE) Eye protection : goggles or safety glasses (CE) Skin protection : N/A Avoid repeated skin contact.
Environmental exposure controls	:	The product must not be discharge directly into drains or waterways without treatment.

9. Physical and chemical properties

Boiling Point (ºC)	: 97.3 ºC
Freezing Point (ºC)	: 5 ºC

PH of concentrate	: 9 +/- 0.5
Appearance	: Fluorescent green
Solubility in water	: This product is completely soluble in water.
Specific Gravity (H^20=1)	: 1.2
Density	: 1.0

10. Stability and reactivity

Conditions to avoid	:	Stable under the recommended storage conditions. Cfr. Section 7 "Storage".Bacterial egradation can occur if the Product is stored for an unuasually long period or is stored under unsuitable conditions.
Materials to avoid	:	N/D
Hazardous decomposition products	:	N/D

11. Toxicological information

On product:
Low toxicity is indicated by available data. Under normal industrial conditions, there is no indication that the Product can be considered as a health risk.Skin contact should be avoided to prevent possible long-term or short-term sensitation.

12. Ecological information

Ecotoxicity	:	The Product is soluble with water and as such could cover considerable distances if spilled into waterways. Even a small spillage will whiten the appearance of water. Water for sewage treatment, that has been contaminated.with small quantities of the Product, will not affect the biomass. High concentrations may be harmful to fish and micro organisms.
Mobility	:	Not established.
Persistence and degradability	:	There is only a slow environmental degradation of the Product.
Bioaccumulative potential	:	There is seemingly no tendency for bioaccumulation.
Other adverse effects	:	Unknown

13. Disposal considerations

The following advice only applies to the product as supplied

Combination with other materials may well indicate another route of disposal. If in doubt, contact local TLC-KOYA

CHEMICALS MANUFACTURING SDN BHD or local authorities.

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor.

Care should in any case be taken to ensure compliance with national and local regulations.

This product is not suitable for disposal by either landfill or via municipal sewers, drains, and natural streams, rivers or seas' they will effect the relationship between livings things, plants and their environment.

14. Transport information

General information	: This Product is not regulated for road/rail & sea transport.

15. Regulatory information

Classification and labeling	:	Classification /symbol - not regulated
Governing directive	:	Occupational Safety and Health (Classification, Packaging and Labeling of Hazardous Chemicals) Regulations 1997
Safety advice	:	(May contain information in excess of requirements under applicable laws. R22 Harmful if swallowed R38 Irritating to skin S2 Keep out of reach of children

16. Other information

Text of R and S phrase codes used in this safety data sheet:- R34: Causes burns; R36: Irritating to eyes; R37:Irritating to respiratory system; R41: Risk of serious damage to eyes. 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 safety requirements 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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