Material Safety Data Sheet

Corrosion Inhibitor for Multi Metal Cooling Water (RXSOL-40-4011-020)

1. Product and Company Identifaction

Product Name	RXSOL-40-4011-020
Product Type	Corrosion Inhibitor Multifunctional closed/chilled systems

Company Details:

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

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Visakhpatnam, Fujairah, Muscat, Nairobi

Phone	+91 22 65113333 / 5555 / 9999 / 27611360
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Substances which give the product

HYDROXYPHOSPHONIC ACID	23783-26-8	01-05
SODIUM HYDROXIDE	1310-58-3	01-04
TOLUTRIAZOLE	29385-43-1	0.5-01
SODIUM Molybdate as Corrosion Inhibitor	7631-95-0	10-20
SODIUM BORATE as pH Buffer	1303-96-4	0.1-0.5
Silicate as a Aluminium Corrosion Inhibitor	1344-09-8	09-10
Azole as a Copper Corrosion Inhibitor	109-97-7	01-02
Properitory Blend of Polymer as a Dispersency Stabilization	---	10-20

3. Hazards Identification

Inhalation	NOT APPLICABLE
Eye Contact	MAY CAUSE IRRITATION
Skin Contact	MAY CAUSE IRRITATION
Ingestion	MAY CAUSE IRRITATION.

4. First Aid Measures

Inhalation	NOT APPLICABLE

Eye contact	WASH IMMEDIATELY WITH PLENTY OF WATER
Skin Contact	REMOVE IMMEDIATELY CONTAMINATED CLOTHING AND WASH SKIN
Ingestion	DRINK PLENTY OF WATER
Information to Doctor:	NEAR NEUTRAL SOLUTION CONTAINING ORGANIC PHOSPHONATES

5. Fire-fighting Measures

Fire and Explosion Hazards	WATER BASED PRODUCT WITH NO SPECIAL HAZARDS
Precautions:	None
Extinguishing media:	NO SPECIAL MEDIA REQUIRED
Not suitable extinguishing media:	NONE

6. Accidental Release Measures

ADSORB BY INERT MATERIAL.
FLUSH SPILL AREA WITH PLENTY OF WATER.
THE ALKALINE HAZARD OF THE PRODUCT IS REMOVED BY DILUTION WITH WATER

7. Handling and Storage

Handling	WEAR GLOVES, EYE PROTECTION AND OVERALLS.
Storage	STORES INDOORS AND PREVENT FROM FREEZING.

8. Exposure controls and personal protection

Exposure Control	AVOID EYE AND SKIN CONTACT
Personal protection	WEAR GLOVES, GOGGLES AND OVERALLS WHEN HANDLING THE MATERIAL.

9. Physical and chemical properties

Appearance	Clear Liquid
Boiling point	100 C
C Density [kg/m3]	1.05-1.1
Flashpoint TCC	NONE Vapour pressure [mm Hg]
Pour point	NONE Vapour density [a ir=1]:
Auto-ignition temp	NONE Soluble in organic solvent: NONE

Expl.omr. [vol%] Solubility in water [w-%]:	100%
pH concentrate:	11.5 - 12.0 pH
Rel. evaporation Rate.	N/A
Ether = 1	Butylacetate = 10 0
Freezing Point	>-20 Degree C

10. Stability and reactivity

Stability	THE PRODUCT IS STABLE AND HAS A SHELF-LIFE OF 2 YEARS
Avoid blending with	ACIDS
Dangerous products of degradation	NONE
Dangerous products of combustion	NONE

11. Toxicological information

Analysis data LD [RAT] >50 00 mg/kg [CALCULATED] 50 CONSIDERED TO BE NON-TOXI

12. Ecological information

Analysis data: LD RAINBOW TROUT > 500 mg/l [CALCULATED] 50 CONSIDERED TO BE OF NO DANGER TO THE ENVIRONMENT

Remarks:

13. Disposal considerations

Recommendations: ALKALINE PRODUCT WHICH IN USE IS DILUTED DOWN CONSIDERABLY AND ALLOWED TO ENTER THE ENVIRONMENT.

14. Transport information

This substance is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

15. Regulatory information

Chemical health hazard: HARMFUL/IRRITANT

Chemical to the environment .

Infla mmable product

Explosive product

Labelling category [-s]:	HARMFUL/IRRITANT
Symbol [-er]:	Xn, Xi
R-phrase [-s]:	R21-Harmful in contact with skin, R36-Irritating to eyes, R38-Irritating to skin
S-phrase [-s]:	S61-Avoid release to the environment, S45-In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

16. Other information

NO CARCINOGENIC PROPERTIES HAS BEEN FOUND WITH ANY INGREDIENTS.

NO EVIDENCE OF MUTAGENIC EFFECTS

EXPOSURE LIMITS NOT ASSIGNED

Legal Disclaimre:-

The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, No warranty is implied with respect to the quality or the specif ication of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

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