

1. Product and Company Identifaction

www.rxmarine.com

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, Visakhapatnam, Fujairah, Muscat, Nairobi

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

2. Composition / Information on ingredients

www.rxmarine.com

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 NITRITE / NITRATE as Corrosion Inhibitor	7632-00-0	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
Proprietary Blend of Polymer as a Dispersency--- Stabilization		10-20

3. Hazards Identification

www.rxmarine.com

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

4. First Aid Measures

www.rxmarine.com

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

www.rxmarine.com

Fire and Explosion Hazards	WATER BASED PRODUCT WITH NO SPECIAL HAZARDS
Precautions:	None

Extinguishing media:
Not suitable extinguishing media:

NO SPECIAL MEDIA REQUIRED
NONE

6. Accidental Release Measures

www.rxmarine.com

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

www.rxmarine.com

Handling
Storage

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

8. Exposure controls and personal protection

www.rxmarine.com

Exposure Control
Personal protection

AVOID EYE AND SKIN CONTACT
WEAR GLOVES, GOGGLES AND OVERALLS WHEN HANDLING
THE MATERIAL.

9. Physical and chemical properties

www.rxmarine.com

Appearance	Clear Liquid
Boiling point	100 C
C Density [kg/m3]	1.17 - 1.24
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.omm. [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

www.rxmarine.com

Stability
Avoid blending with
Dangerous products of degradation
Dangerous products of combustion

THE PRODUCT IS STABLE AND HAS A SHELF-LIFE OF 2 YEARS
ACIDS
NONE
NONE

11. Toxicological information

www.rxmarine.com

Analysis data

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

12. Ecological information

www.rxmarine.com

Analysis data:

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

Remarks:

13. Disposal considerations

www.rxmarine.com

Recommendations:

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

14. Transport information

www.rxmarine.com

UN no

Packaging gr

ADR/RID

IMDG class: Side

EmS no

MFAG no

DGR:

Goods description

Others

15. Regulatory information

www.rxmarine.com

Chemical health hazard:

HARMFUL/IRRITANT

Chemical to the environment

Inflammable 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

www.rxmarine.com

NO CARCINOGENIC PROPERTIES HAS BEEN FOUND WITH ANY INGREDIENTS.

NO EVIDENCE OF MUTAGENIC EFFECTS

EXPOSURE LIMITS NOT ASSIGNED

Legal Disclaimer:-

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 specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.