

1. Product and Company Identification

www.rxmarine.com

Product Name RXSOL-40-4011-256
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 / Information on ingredients

www.rxmarine.com

Name of Substance	CAS	Weight %
SODIUM MOLYBDATE	7631-95-0	10-20
TOLUTRIAZOLE	29385-43-1	0.5-01
SODIUM NITRITE	7632-00-0	5-10
SODIUM BORATE	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
Propertitory Blend of Polymer as a Dispersency Stabilization	---	10-20

3. Hazards Identification

www.rxmarine.com

Odour	Odourless
Appearance	Pale Yellowis to Clear Liquid, soluble in water
Contact with eyes	May cause pain
Contact with skin	In cases of severe exposure, severe 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

www.rxmarine.com

Contact with skin	Remove contaminated clothing immediately and drench affected skin with plenty of water Contaminated clothing should be laundered before reuse, When in doubt or symptoms persist, seek medical attention
Contact with eyes	If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes Irrigate eyes thoroughly whilst lifting eyelids, Obtain immediate medical attention
Ingestion	Never make an unconscious person vomit or drink fluids Give water or milk to drink Induce vomiting (only if patient is conscious), Obtain immediate medical

Inhalation	attention Inhalation is unlikely to occur Remove patient to fresh air When in doubt or symptoms persist, seek medical attention
General	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

5. Fire-fighting Measures

www.rxmarine.com

Fire and Explosion Hazards

Precautions:

Extinguishing media:

Not suitable extinguishing media:

WATER BASED PRODUCT WITH NO SPECIAL HAZARDS

None

NO SPECIAL MEDIA REQUIRED

NONE

6. Accidental Release Measures

www.rxmarine.com

Personal Precautions

Environmental Precautions

Immediate Actions

Clean Up Actions

Special Precautions

Wear protective clothing as per section 8

Do not allow to enter public sewers and watercourses

Use appropriate containment to avoid environmental contamination (S57)

Absorb spillage in inert material and shovel up

Ventilate the area and wash spill site after material pick-up is complete

Wear protective clothing as per section 8

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 controls

Occupational exposure controls

No special precautions are required for this product

Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended)



Gloves Goggles suit No_Smoking

9. Physical and chemical properties

www.rxmarine.com

Appearance	BROWN COLOURED HAZY 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.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

www.rxmarine.com

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

www.rxmarine.com

Analysis data	LD [RAT] >50 00 mg/kg [CALCULATED] 50 CONSIDERED TO BE NON-TOXI
Toxicological information	No experimental data available
Inhalation	Not applicable
Contact with skin	In cases of severe exposure, severe irritation may develop
Contact with eyes	May cause severe irritation May cause pain
Ingestion	Toxic if swallowed (R25)
Carcinogenicity	No evidence of carcinogenic effects

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
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

www.rxmarine.com

Recommendations:

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

Classification

EU Waste class: 06.03 This material and/or its container must be disposed of as hazardous waste

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

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-phrases [-s]:

R21-Harmful in contact with skin, R36-Irritating to eyes, R38-Irritating to skin

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

Text of R and S phrase codes used in this safety data sheet:- R25: Toxic If swallowed; R43: May cause sensitisation by skin contact; R50: Very toxic to aquatic organisms; R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment; R62: Possible risk of impaired fertility; R63: Possible risk of harm to the unborn child; R8: Contact with combustible material may cause fire. 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

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.