Material Safety Data Sheet

Copper Alloy Corrosion Inhibitor (RXSOL-40-4017-025)

1. Product and Company Identifaction

Product Name	RXSOL-40-4017
Product Type	Corrosion inhibitor for copper/copper alloy system

Company Details:

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

Phone	+91 22 65113333 / 5555 / 9999 / 27611360
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2. Composition / informationon ingredients

Product contains	CAS No	Contents	Health (class)	Risk(R)
Sodium Hydroxide	1310-73-2	5-6%	C	R35
Triazole	95-14-7	14-15%	Xn, N	R20/22, 36, 5341

3. Hazards Identification

Symbol(s) C Risk

Phrase(s) R35, 53

Causes severe burns to skin, eyes and mucous membrane. May cause long-term adverse effect in the aquatic environment

4. First Aid Measures

General Instructions:	In all cases of doubt, or when symptoms persist, seek more advice. Remove from exposure, rest and keep warm. Seek medical attention, treat symptomatically.
Skin Contact:	Drench affected area with plenty of water, remove contaminated clothing immediately. Seek medical attention.
Eye Contact:	Irrigate the eyes thoroughly with water for at least 15 minutes, holding the eyelids apart if necessary. Obtain medical attention
Inhalation	Wash out mouth with water and give plenty of water to drink. DO NOT induce vomiting. Obtain medical attention.

5. Fire-fighting Measures

Extinguishing Media	Carbon dioxide, dry chemical or foam. Water spray must be ineffective
Unsuitable Extinguishing Media	None
Hazardous Combustion Products	May give off toxic fumes
Special equipment for fire fighting	Wear self-contained breathing apparatus

6. Accidental Release Measures

Personal Precautions	Wear appropriate protective clothing (see section 8). Also apply good industrial hygiene
Environmental Precautions	O bserve all relevant national regulations
Clean Up Actions	Flush spillages with large quantities of water and wash to waste

7. Handling and Storage

Handling	Av oid contact with eyes and skin.
Storage	Store in a well ventilated area away from incompatible materials

8. Exposure controls and personal protection

Exposure Limit for sodium hydroxide 2mg/m3 Type 15 min STEL Type N/A

Protective Measures

Respiratory:	In the event where significant exposure is possible wear self contained breathing apparatus
Hand:	We ar suitable impervious gloves
Eye:	Wear chemical goggles
Skin:	Wear suitable overalls

9. Physical and chemical properties

Appearance	Red/brown clear liquids Solubility in water Completely miscible
Odour	Characteristic azole odour Solubility in other solvents Not known
pH	11 Partition coefficient and N-octanol/water
Boiling point	Boiling Range Not determined
Melting Point	Melting Range Not applicable Other Data None
Flash Point	None
Flammability	Non flammable
Autoflammability	N/A
Explosive Properties	N/A
Oxidising Properties	N/A
Vapour Pressure	N/A
Relative Density	1.195

10. Stability and reactivity

Stability	Stable
Conditions to Avoid	None
Hazardous Decompositions	See Section 5

11. Toxicological information

Irritating to the eyes and skin, inhalation may effect the respiratory tract.

Acute oral LD50 > 1000mg/kg

12. Ecological information

Environmental Effects	May cause long-term adverse effect in the aquatic environment
Mobility	n/a
Degradability	n/a
Bioaccumulation Potential	n/a
Marine Pollutant	No evidence

13. Disposal considerations

Product	In accordance with national waste regulations
Container:	Wash empty containers with water before disposal

14. Transport information

LAND TRANSPORT	
UN Class	8
UN Number	3266
Item Number	8.41 (b
ADR Class	8
Packaging Group	II
Proper Shipping Name (PSN)	Corrosiv e liquid, basic, inorganic NOS (contains Sodium Hydroxide UN No 3266)
SEA TRANSPORT	
UN Number	3266
Packing Group	II
EMS	8.15
Class	Not restricted
Marine Pollutant	No
MFAG	760

IMDG Code	8147
PSN Same as abov e	

15. Regulatory information

Chemical identity:	Aqueous solution of organic heterocyclic compounds.
	.Labelling according to the chemical (Hazard Information and Packaging) Regulations 2002, CHIP 3
EEC Number	N/A
Symbol(s)	C- Corrosive
RiskPhrase(s)	R35 - Causes severe burns
	R53- May cause long-term adverse effect in the aquatic environment
Safety Phrase(s)	S26 - In case of contact with eyes rinse immediately with plenty of water and seek medical advice
	S37-39 - Wear suitable gloves and eye/face protection

16. Other information

Product contains Sodium hydroxide, Triazole
C - Corrosive, Xn -Harmful,
N - Dangerous for the environment
R20 - Harmful by inhalation
R22 - Harmful if swallowed
R35 - Causes severe burns
R36 - Irritating to eyes
R53 - May cause long term adverse effect in the aquatic env ironment
Further details might be available upon request from Accepta Limited.
Issue 2

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