Material Safety Data Sheet

Potable Water Corrosion Inhibitor Pol (RXSOL-40-4094-025)

1. Product and Company Identifaction

Product Name **Potable Water Corrosion Inhibitor Pol**

Product Type **RXSOL-40-4094-025**

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

Phone	+91 22 65113333/ 5555 / 9999 / 27611360 / 27815540
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Registration no. EC No. 215-687-4

Chemical characterization: Sodium silicate molar ratio Na2O : SiO2 = 1 : > 3.20 (40%)

Further ingredients *** Slilicic acid, sodium salt:

CAS No.	1344-09-8	
EINECS no.	215-687-4	
Registration no.	01-2119448725-31-0021	
Concentration	40	%

Water:

CAS No.	7732-18-5		
EINECS no.	231-191-2		
Concentration	>	60	%

Other information:
Educts are listed in EINECS

3. Hazards Identification

Classification of the substance or mixture:
This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008. The product does not require a hazard warning label in accordance with EC directives/ GefStoffV (German regulations on dangerous substances).

Label elements:
Labelling according to regulation (EC) No 1272/2008:
The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.
Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC:

The product does not require a hazard warning label in accordance with EC directives/ GefStoffV (German regulations on dangerous substances).The indicated S-phrases are recommended by the manufacturer.

R phrases - N O N E
S phrases 24/25 Avoid contact with skin and eyes.
Other hazards: No special hazards have to be mentioned.

4. First Aid Measures

General information: No special measures necessary.
After inhalation: No special measures required.
After skin contact: Wash off immediately with soap and water. Do not allow the product to dry on the skin.
After eye contact: In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. In case of irritation consult an oculist.

After ingestion: Rinse out mouth and give plenty of water to drink. Do not induce vomiting. Summon a doctor immediately.

Description of first aid measures: Indication of any immediate medical attention and special treatment needed Hints for the physician / hazards This product contains alkali silicates.

5. Fire-fighting Measures

Extinguishing media:
Suitable extinguishing media:
Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

Non Suitable extinguishing media: Compatible with all usual extinguishing media.

Advice for firefighters: Special protective equipment for fire-fighting In case of combustion use a suitable breathing apparatus.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Use personal protective clothing. High risk of slipping due to leakage/spillage of product.

Environmental precautions: Do not allow to enter drains or waterways.

Methods and material for containment and cleaning up:
Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Flush away residues with water

7. Handling and Storage

Precautions for safe handling:
Advice on safe handling:
Observe the usual precautions for handling chemicals. No special measures necessary if stored and handled as prescribed.

Conditions for safe storage, including any incompatibilities Recommended storage temperature:

Value	5	-	45	°C

Storage stability ***
Storage period: 12 month

Requirements for storage rooms and vessels:
Keep only in the original container.

VCI storage category:

VCI storage category	12	Non-combustible liquids

Further information on storage conditions:
Protect from frost.

8. Exposure controls and personal protection

Exposure Limits	There are no recommended or established controls for this product
Exposure controls	No special ventilation is required unless the product is used in a spray form
Occupational exposure controls	There are no any recommendation. During fumigation/spraying wear suitable respiratory system.

9. Physical and chemical properties

Colour	Not available
Odour	odour less
Appearance	liquid
Solubility	soluble
pH	9
Boiling point	100°C
Melting point	-1°C
Flash point	Not available (Non Flammable)
Explosive properties	Not available
Vapour pressure	2000kPa
Specific gravity	0,953Kg/l

10. Stability and reactivity

STABILITY:
This material is stable.

CONDITIONS TO AVOID:
Contact with copper, zinc and aluminum may release flammable hydrogen gas.

INCOMPATIBILITY: Avoid contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:
Thermal decompositions may produce oxides of carbon and nitrogen and hydrogen chloride. When heated, methyl chloride may be produced.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Not applicable.

11. Toxicological information

TOXICOLOGY DATA:
Surfactant: No data available

12. Ecological information

Surfactant:
LC50 Fish: 70.7 mg/L/96 hr.

13. Disposal considerations

WASTE DISPOSAL METHOD: Dispose in accordance with all local, state and federal regulations..

14. Transport information

DOT SHIPPING NAME	:Not Regulated
DOT HAZARD CLASSIFICATION	:N/A
DOT LABELS REQUIRED (49CFR172.101)	:None
UN NUMBER	:N/A

15. Regulatory information

OSHA HAZARD CLASSIFICATION: Irritant

EPA SARA 311 HAZARD CLASSIFICATION: Acute health

EPA SARA 313:
This product contains the following chemicals regulated under SARA Title III, section 313: None

CERCLA Hazardous Substances (Section 103)/RQ:
This product is not subject to CERCLA reporting requirements as it is sold. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations
.
TOXIC SUBSTANCES CONTROL ACT:
All of the components of this product are listed on the TSCA inventory.

CALIFORNIA PROPOSITION 65:
This product contains the following chemical which is known to the State of California to cause developmental toxicity (birth defects): None

WHMIS CLASSIFICATION:
Class D - Division 2B (Toxic material causing other chronic effects)

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.