Material Safety Data Sheet

Ice Machine Descalling Chemical (RXSOL-41-8762-025)

1. Product and Company Identifaction

Product Name	Ice Machine Descalling Chemical
Part Number	RXSOL-41-8762-025

Company Details:

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

Stock Point : Mumbai, Kolkata, Chennai, Visakhapatnam, Gandhidham, Muscat, Fujairah, Nairobi Africa

Phone	+91 22 65113333 / 5555 / 9999 / 27815540 - 42
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Phosphoric Acid	70-80%	7664-38-2	231-633-2	.....	Xi
Proprietory Blend of Polymer Inhibitor	20-30%	----------	----------	----------	---

3. Hazards Identification

Odour	Odourless
Appearance	Liquid, pale yellow, soluble in water
Contact with eyes	Can cause damage to the eyes
Contact with skin	Causes burns (R34)
Inhalation	Vapours or aerosols may cause irritation of eyes, nose and respiratory tract, Can cause damage to the lungs
Ingestion	The ingestion of significant quantities may cause damage to digestive syste

4. First Aid Measures

Inhalation	After inhalation medical attention require
Skin Contact	In case of contact with skin , wash immediately with plenty of water and soap Remove contaminated clothes.

Eye Contact	Flush with running water for at least 15 minutes Immediately medical attention require.
Ingestion	Seek medical attention , try to drink more plenty of fresh water.

5. Fire-fighting Measures

Non combustible product

Suitable	Not known , on direct exposure to heat dangrous emission of gas of COx SOx can be released
Not suitable	Not applicable
Special	Not applicabe
Protection of fire Fighter	Not applicable
Precaution for fire-fighters	Wear protective equipment with breathing apparatus.

6. Accidental Release Measures

Enviroment Precaution	Direct flow into drainage system, surface or ground water is prohibited. First of all neutralize with alkaline materials like lime powder for pH balancing between 6-10.
Cleaning Method	Flush Spill Area with Water and avoid contact with skin and eye.

7. Handling and Storage

Condition to Avoid	Non flammable but avoid direct heating
Materials to Avoid	Do not subject to ALKALINE medium.
Handling	Keep Container Tightly Closed
NOTE	Eyewash facilities require at workplace

8. Exposure controls and personal protection

Personal protection:

Respiratory System Protection	If required and used product in klarge volume use respirator.
Eye Protection	Goggle

Hand protection	Wear PVC chemical resistance protective gloves.

9. Physical and chemical properties

Appearance	Clear liquid
Density	g/cm3 at 15°C: 1.20
pH	10% solution 1.5-2.5
Flash Point	Not applicable
Compatibility	
Metal	Concentrate and long touch may corrode.
Rubber	No known effect

10. Stability and reactivity

Hazardous Decomposition Products	Do not occur if stored and used as directed. In FIRE combustion CO, CO2 , NH3 , SOX etc hazardous gas produced.
NOTE	Avoid Contact With Alkaline Subjects.

11. Toxicological information

Skin Irritation	Cause severe irritation
Eye Irritat	Cause severe irritation
Sensitization	Cause Sensitizing
Chronic Toxicity	Not Identified
Carcinogencity	No.

12. Ecological information

RXSOL Ice Machine Descalling Chemical is degradable , and due to highly acidic in nature must be neutralized as per guidance and ingridents used in it.Direct contact is Harmful to aquatic organism.

13. Disposal considerations

As per guide line of local rules and regulation ..

14. Transport information

Transport over land ADR/RID	Not Classified
Transport over inland waterways ADN/ADNR	Not Classified
Transport over sea IMDG	Not Classified
sea	Not Classified as dangers good

15. Regulatory information

Classification and labelling according to 4. Novelle Gefahrstoff-Verordnung

Symbols of danger	C Corrosive
Ingredients	Mixture
R-phrases	R34 : Cause burns
S-phrases	S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S45 : In case of accident or if you feel unwell, seek medical advice immediately
National prescriptions	
Water hazard class (WGK)	2 (self classification on the basis of component assessments or analogy conclusions without addition/subtraction of points for good/poor biodegradability etc.)

16. Other information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to s uch information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall RX Marine International be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if RX Marine International has been advised of the possibility of such damages.