

1. Product and Company Identification

www.rxmarine.com

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

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2. Composition / Information on ingredients

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Chemical Name	Concentration	CAS Number	EC Number
Phosphoric Acid	18-45	7664-38-2	231-633-2
Proprietary Blend of Polymer Inhibitor	21-30	-----	-----
Citric Acid	3-9	77-92-9	

3. Hazards Identification

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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 system

4. First Aid Measures

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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

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Non combustible product	
Suitable	Not known , on direct exposure to heat dangerous emission of gas of COx SOx can be released
Not suitable	Not applicable
Special	Not applicable
Protection of fire Fighter	Not applicable

6. Accidental Release Measures

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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

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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

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Personal protection:

Respiratory System Protection

If required and used product in klarge volume use respirator.

Eye Protection

Gogle

Hand protection

wear PVC chemical resistance protective gloves.

9. Physical and chemical properties

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Appearance

Clear Liquid

Density

g/cm3 at 15°C: more than 1

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

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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

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Skin Irritation

Cause Severe Irritation

Eye Irritat

Cause Severe Irritation

Sensitization

Cause Sensitizing

Chronic Toxicity

Not Identified

Carcinogenicity

No.

12. Ecological information

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RXSOL Ice Machine Descaling 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

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As per guide line of local rules and regulation ..

14. Transport information

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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

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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

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