

1. Product and Company Identification

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Product Name RXSOL-11-1094-025
Product Type RUST CALCIUM REMOVER

Company Details: RXSOL-16-1094-025

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
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2. Composition / Information on ingredients

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Chemical Name	Concentration	CAS Number	EC Number	R Phrases*
Chlorous compound Mixture	20-40	7647-01-0	231-595-7	34, 37
Phosphoric Mixture	20-30	NA	NA
Sodium Sulfide mixture	4-5	NA	NA	NA
STPP mixture	2-3	NA	NA	NA
Monomer Mixture	2-5	NA	NA	NA
Corrosion Inhibitor	5-10	NA	NA	NA

*See Section 16

3. Hazards Identification

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- Odour: Unpleasant odour, Strong smell
- Appearance: Pale yellow / Liquid, brown,
- Contact with eyes: Can cause damage to the eyes
- Contact with skin: Causes burns (R34), Toxic in contact with skin and if swallowed (R24/25)
- Inhalation: May cause severe irritation, May cause dizziness, confusion, headache or stupor, In cases of severe exposure, anaesthesia may develop
- Ingestion: Toxic if swallowed (R25)
- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R50/53)

4. First Aid Measures

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Contact with skin	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water. If doubt or symptoms persist, seek medical attention. Contaminated clothing should be laundered before reuse.
Contact with eyes	If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes. Irrigate eyes thoroughly. Seek immediate medical attention. Continue flushing with water until medical help arrives.
Ingestion	Never make an unconscious person vomit or drink fluids. Give plenty of water to drink. Do not induce vomiting. Seek medical attention.
Inhalation	Remove patient to fresh air. Keep warm and at rest, in a half upright position. Loosen clothing. 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) (S45)

5. Fire-fighting Measures

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- Non combustible
- Smoke from fires is corrosive, Hydrogen chloride may be formed
- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
- Substance evolves toxic fumes, wear self-contained breathing apparatus
- Use water spray or fog to knock down and absorb corrosive fumes

6. Accidental Release Measures

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Personal Precautions	Wear protective clothing as per section 8 Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
Environmental Precautions	Do not allow to enter public sewers and watercourses
Immediate Actions	Use appropriate containment to avoid environmental contamination (S57)
Clean Up Actions	Absorb spillage in inert material and shovel up Ventilate the area and wash spill site after material pick-up is complete
Special Precautions	Wear protective clothing as per section 8 Avoid release to the environment. Refer to special instructions /Safety Data Sheet Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback

7. Handling and Storage

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Handling	Avoid contact with skin and eyes (S24/25), Do not breathe vapour/fumes (S23), Eyewash bottles should be available in the work area. Wear protective clothing as per section 8, Ensure adequate ventilation, In use, may form flammable/explosive vapour-air mixture (R18)
Storage	Keep only in the original container in a cool, well ventilated place (S3/9/49), Keep in acid store

8. Exposure controls and personal protection

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Exposure Limits	TLV (TWA) 20 ppm, 122 mg/m ³ (1,2-Dichlorobenzene).
Exposure controls	The undiluted product must not be used in a confined space without good ventilation.
Occupational exposure controls	Wear approved respirator if exposure likely to exceed MEL/OES Wear goggles giving complete eye protection. Wear protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended)

9. Physical and chemical properties

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Odour	Slight Odour
Appearance	Clear Liquid
pH	0.9-1.3
Boiling point >	100 °C
Vapour pressure	not known
Vapour density	(air = 1)
Freezing point	