Material Safety Data Sheet

Defoamer for BOILER (RXSOL-42-8127-025)

1. Product and Company Identifaction

Product Name	Defoamer for BOILER water
Product Type	RXSOL-42-8127-025

Company Details:

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

Stock Point ::: Kandla, Mumbai, Kolkata, Chennai, Surat, Fujairah, Muscat

Phone	+91 22 27815540 / 41 / 42
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Email	mail@rxmarine.com

2. Composition / informationon ingredients

Name	CAS#	% by Weight
Ethylene Diamine	107-15-3	20-40
Proprietary BLEND	NA	60-80

3. Hazards Identification

IF IN EYES	Rinse with water for several minutes. Repeat if needed.
IF ON SKIN	Wash with plenty of soap and water.
Inhalation	No first aid should be needed. If discomfort occurs, remove to fresh air.
Ingestion	No first aid should be needed. If discomfort occurs, obtain medical attention.

4. First Aid Measures

Eye Contact	No first aid should be needed. If discomfort occurs, flush with water.
Skin Contact	No first aid should be needed.
If inhaled	No first aid should be needed. If discomfort occurs, remove to fresh air.
Inhalation	Never give anything by mouth to an unconscious person. Rinse mouth with water.
Ingestion	No first aid should be needed. If discomfort occurs, obtain medical attention.

5. Fire-fighting Measures

Suitable Extinguishing Media	Carbon dioxide, dry powder, foam, or water spray. Water can be used to cool fire exposed containers.
Unsuitable Extinguishing Media	None known
Specific Hazards Arising from the Chemical	Silicon Dioxide. Carbon oxides and traces of incompletely burned carbon compounds.
Special Protective Actions for Fire-Fighters	Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Use water spray to cool fire exposed containers.

6. Accidental Release Measures

Personal Precautions and Protective Equipment:
Avoid eye and skin contact. Use personal protective equipment.

Environmental Precautions:
Prevent from entering drains or water sources.

Containment/Clean up:
Collect for disposal. Clean up remaining materials from spill with suitable absorbent. For large spills provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean area as appropriate since some silicone material, even in small quantities, may present a slip hazard. Final cleaning may require steam, solvents or detergents.

7. Handling and Storage

Handling Precautions	Avoid eye and skin contact. Do not take internally. Use with adequate ventilation. Wash after handling.Exercise good industrial hygiene practice.
Storage Conditions	Keep container tightly closed and away from oxidizing materials.

8. Exposure controls and personal protection

Engineering Controls

Local Ventilation	None should be needed.

Personal Protective Equipment:

Respiratory protection	In the case of vapour formation use a respirator with an approved filter.
Hand protection	Gloves are not normally required.
Eye protection	Safety glasses should be worn.
Skin protection	Protective equipment is not normally required.
Hygiene measures	Observe good industrial hygiene practices. Wash after handling.

9. Physical and chemical properties

Appearance	CLEAR, LIGHT YELLOW LIQUID
Colour	Tan
Odour	Mild ammoniated
Odour Threshold	Not determined
Flash Point	>100oC (Pensky-Martens closed cup)
Flammability	Not determined

Flammability Limits	Not determined
Auto-ignition Temperature	Not determined
Decomposition Temperature	Not determined
Specific Gravity @25oC	1.03 -/+ 0.5 G/CM3
Solubility in Water	Dispersible
Viscosity@25oC	Not determined
Melting/Freezing Point	Not determined
Initial Boiling Point	>100oC @ 760 mmHg
Boiling Range	Not determined
Explosive Properties	No
Vapour Pressure @25oC	Not determined
Vapour Density	Not determined
Partion Coefficient	Not determined
pH	10.5 -/+ 0.5
Oxidising Properties	No
Evaporation Rate	Not determined

10. Stability and reactivity

Chemical Stability	Stable
Possibility of Hazardous Reactions	Hazardous polymerization will not occur.
Conditions to Avoid	None known
Incompatible Materials	Strong oxidizing material can cause a reaction

Hazardous decomposition products

The following decomposition products may form during fire or at very high temperatures:	Carbon Oxides, Silicon dioxide, Formaldehyde, and traces of incompletely burned carbon compounds.

11. Toxicological information

IF IN EYES	Rinse with water for several minutes. Repeat if needed.
IF ON SKIN	Wash with plenty of soap and water.
Inhalation	No first aid should be needed. If discomfort occurs, remove to fresh air.
Ingestion	No first aid should be needed. If discomfort occurs, obtain medical attention.

12. Ecological information

Ecotoxicity:

Environmental Effects

Acute	No adverse effects on aquatic organisms.
Chronic	No adverse effects on aquatic organisms.

Persistnce and degradability:	
Degradation	In soil, siloxanes are degraded.
Environmental Fate and Distribution	Siloxanes are removed from water by sedimentation sewage or binding to sludge.
Bioaccumulative potential:	
Bioaccumulation	No bioaccumulation potential.

13. Disposal considerations

Product Disposal	Do not dispose of waste into sewer. Dispose of in accordance with local regulations.
Packaging Disposal	Dispose of in accordance with local regulations.

14. Transport information

NA

15. Regulatory information

NA

16. Other information

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