

## 1. Product and Company Identification

www.rxmarine.com

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](mailto:mail@rxmarine.com)

## 2. Composition / Information on ingredients

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

## 3. Hazards Identification

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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

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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

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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

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### 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

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### 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

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### 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

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### 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

Partition Coefficient	Not determined
pH	10.5 +/- 0.5
Oxidising Properties	No
Evaporation Rate	Not determined

## 10. Stability and reactivity

[www.rxmarine.com](http://www.rxmarine.com)

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

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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

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Ecotoxicity:	
Environmental Effects	
Acute	No adverse effects on aquatic organisms.
Chronic	No adverse effects on aquatic organisms.
Persistence 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

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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

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NA

## 15. Regulatory information

[www.rxmarine.com](http://www.rxmarine.com)

NA

## 16. Other information

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