

1. Product and Company Identification

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Product Name: RXSOL-81-5014-200

Product Type: Hydrogen Sulfide Scavenger 2000

Company Details:

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

Stock Points: Mumbai, Kandla, Kolkata, Chennai, Vizag, Fujairah UAE, Muscat Oman, Kenya, Canada

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Fax: +91 22 2781 1318 :: AOH : 0091 9821214367

Email: mail@rxmarine.com

2. Composition / Information on ingredients

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| Chemical Name | Concentration | CAS Number | EC Number | R Phrases | *Symbols |
|---------------|---------------|------------|-----------|-----------|----------|
|---------------|---------------|------------|-----------|-----------|----------|

| | | | | | |
|----------------|-------|-----------|------------|----------------|--|
| Sodium nitrite | 10-30 | 7632-00-0 | 231-555-98 | 25, 50 T, O, N | |
|----------------|-------|-----------|------------|----------------|--|

| | | | | | |
|--------------------|-------|--------------|-------------|-------|--|
| Sodium tetraborate | 10 aq | 1-51303-96-4 | 215-540-462 | 63 Xn | |
|--------------------|-------|--------------|-------------|-------|--|

| | | | | | |
|----------------------|----------|----------|-----------|------|--|
| Benzothiazol-2-thiol | 0.1-0.02 | 149-30-4 | 229912934 | 37 O | |
|----------------------|----------|----------|-----------|------|--|

| | | | | | |
|---|------|--------------|-----|--|--|
| Proprietary blend of Scavenger H ₂ S | > 45 | TRADE SECRET | --- | | |
|---|------|--------------|-----|--|--|

*See Section 16

3. Hazards Identification

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Toxic

Odour: Odourless

Appearance: Pale Yellow to Clear Liquid, soluble in water

Contact with eyes: May cause pain

Contact with skin: In cases of severe exposure, severe irritation may develop

Inhalation: Vapours or aerosols may cause irritation of eyes, nose and respiratory tract

Ingestion: Toxic if swallowed (R25)

4. First Aid Measures

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Contact with skin: Remove contaminated clothing immediately and drench affected skin with plenty of water

Contaminated clothing should be laundered before reuse
When in doubt or symptoms persist, seek medical attention

Contact with eyes If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
Irrigate eyes thoroughly whilst lifting eyelids
Obtain immediate medical attention

Ingestion Never make an unconscious person vomit or drink fluids
Give water or milk to drink
Induce vomiting (only if patient is conscious)
Obtain immediate medical attention

Inhalation Inhalation is unlikely to occur
Remove patient to fresh air
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)

5. Fire-fighting Measures

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- Nitrogen oxides 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

6. Accidental Release Measures

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Personal Precautions Wear protective clothing as per section 8

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

7. Handling and Storage

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Handling

Wear protective clothing as per section 8
Avoid contact with skin and eyes (S24/25)
Eyewash bottles should be available

Storage Keep only in the original container in a cool, well ventilated place (S3/9/49)
Protect from heat
Protect from frost

8. Exposure controls and personal protection

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Exposure controls No special precautions are required for this product

Occupational exposure controls Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended)





Gloves

Goggles

Suit

No_Smoking

9. Physical and chemical properties

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OdourOdourless

AppearancePale yellowish to clear Liquid, soluble in water

pH8.5 - 9.5 at 100 % concentration

Boiling point100 °C at 760 mm /Hg

Vapour pressurenot known

Vapour densitynot applicable

Freezing point<0 °C at 760 mm/Hg

Completely soluble in water

Specific gravity (water=1)1.10

10. Stability and reactivity

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- This article is considered stable under normal conditions
- Avoid contact with acid
- Incompatible with acid, Contact with acids liberates toxic gas (R31)
- See Section 5

11. Toxicological information

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Toxicological informationNo experimental data available

InhalationNot applicable

Contact with skinIn cases of severe exposure, severe irritation may develop

Contact with eyesMay cause severe irritation
May cause pain

IngestionToxic if swallowed (R25)

CarcinogenicityNo evidence of carcinogenic effects

12. Ecological information

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Ecotoxicity This product contains components which are classified in the EU as dangerous for the environment.
May cause acute effects in the aquatic environment

Mobility Completely soluble in water

Persistence and Biodegradability Its main ingredients will either dissolve rapidly and dissociate in water or are readily/inherently biodegradable.

Bioaccumulation Potential Bioaccumulation of the components in this product is insignificant.

Other Adverse Effects No environmental problems are expected when the product is used / handled correctly. In its intended use, the product will not be released into the environment.

13. Disposal considerations

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Classification EU Waste class: 06.03 This material and/or its container must be disposed of as hazardous waste

Disposal considerations Do not discharge into drains or the environment, dispose to an authorised waste collection point Disposal should be in accordance with local, state or national legislation

14. Transport information

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- Not classified as hazardous for transport

15. Regulatory information

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Classification and labeling

Contains Benzothiazol-2-thiol. May produce an allergic reaction.

Cooling Water Treatment 15 Regulatory information (....)

Risk Phrases Toxic if swallowed (R25)

Safety Phrases Wear suitable protective clothing, eye/face protection and gloves (S36/37/39)

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45) This material and its container must be disposed of in a safe way (S35)

16. Other information

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Text of R and S phrase codes used in this safety data sheet:- R25: Toxic if swallowed; R43: May cause sensitisation by skin contact; R50: Very toxic to aquatic organisms; R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment; R62: Possible risk of impaired fertility; R63: Possible risk of harm to the unborn child; R8: Contact with combustible material may cause fire. The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents. The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product. In terms of safety requirements and does not signify any warranty with regard to the product's properties. The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application (s) without seeking advice from manufacturer. This Safety Data Sheet is provided in compliance with The Safety Data Sheets Directive (2001/58/EC). This Safety Data Sheet is provided in compliance with The Dangerous Preparations Directive (88/379/EEC). This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC).

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