

1. Product and Company Identification

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Product Name Scale Inhibitor 170
Part Number RXSOL-81-8193-210

Company Details:

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2. Composition / Information on ingredients

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Component	CAS-No	Weight %	R Phrases
BHMTTP (Methylene phosphonic Acid)	34690-00 -1	10- 30	R 34
Ammonium Chloride	235-186-4	1-10	R 22

3. Hazards Identification

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Corrsive

Classification	:	Skin corrosion/irritat
Label Elements	:	Corrosive : Causes se
Precautionary Statements	:	Avoid release to the e protective clothing/ e

4. First Aid Measures

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Inhalation	:	Remove to fresh
Skin Contact	:	Wash off imme all contaminated off contaminate
Eye Contact	:	Immediate medi plenty of water,
Ingestion	:	Seek medical ad conscious, wash not give anythin breathing and p induce vomiting

Important symptoms	:	Causes severe sl
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5. Fire-fighting Measures

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Suitable Extinguishing Media	:	Use fire-extinguishers. Water spray. For sand, dolomite etc.
Special Fire Fighting Procedure	:	Avoid breathing vapors. Containers exposed to fire. Keep run-off water under control.
Special Hazards during fire	:	May develop high temperatures during fire.
Method	:	Wear full protective clothing for fighting.

6. Accidental Release Measures

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Personal Precautions	:	Wear protective clothing. In case of spillage. Avoid inhalation.
Environmental Precautions	:	In the event of a spillage into waterways. Do not allow to enter waterways. Prevent product from becoming contaminated surface water.
Methods for Containment and Clean Up	:	Small Spill : Suitable, cover with dry sand or earth. Large Spill : Spillage must be contained. Do not enter waterways.

7. Handling and Storage

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Handling : Do not get in eyes, on skin, on clothing. Use with adequate ventilation. Do not breathe vapors/gases/dust. Keep the containers closed when not in use. Ensure all containers are labeled. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Use personal protective equipment recommended in Section 8 (Exposure Controls/Personal Protection)

Storage : Store in suitable labeled containers. Store the containers tightly closed. Containers require venting bungs to avoid over pressure. Keep in dry place. Store in a cool well ventilated area away from direct sunlight.

8. Exposure controls and personal protection

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Exposure Guidelines : Exposure guidelines have not been established for this product.

Engineering Measures	:	General ventilation is required. Laboratory safety
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		mechanical v goggles or face
Skin and body protection	:	When handling recommended and what chem
Hygiene Measures	:	DO NOT SMO work shift an promptly if sk clothing that prevent drying

Respiratory Protection : Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.



Gloves Suit

9. Physical and chemical properties

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Physical State	:	Liquid
Appearance	:	Clear Dark Brown
Odor	:	Amine
Odor Threshold	:	No information available.
PH	:	3.4 - 5.4
Melting Point/Range	:	No information available.
Boiling Point/Range	:	100 °C
Flash Point	:	No information available.
Evaporation Rate	:	No information available.
Flammability (solid,gas)	:	No information available.
Flammability or explosive limits Upper	:	No data available
Flammability or explosive limits Lower	:	No data available
Lower Explosion Limit	:	No data available.
Vapor Pressure	:	No data available.
Vapor Density	:	No data available.
Relative Density	:	1.01 - 1.21 @ 20 °C
Solubility in Water	:	Complete Soluble.
Partition coefficient; n-octanol/water	:	No data available
Decomposition temperature	:	No information available.
Viscosity	:	1-20 cst @ 20 °C
Explosive Properties	:	Not applicable
Oxidizing Properties	:	Not applicable

10. Stability and reactivity

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Stability	:	Stable under normal conditions
Conditions to Avoid	:	Avoid excessive heat
Hazardous Decomposition Products	:	Oxides of: Ca
Hazardous Polymerization	:	Will Not Polymerize
Hazardous Reaction	:	No data available

11. Toxicological information

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Skin corrosion/irritation		Causes severe skin irritation
Serious eye damage/eye irritation		Causes severe eye irritation
Inhalation		May cause irritation
Ingestion		Corrosive. Even small amounts may cause chemical burns. Swallowing concentrated solution may cause chemical burns.
STOT - repeated exposure		Based on available data
Aspiration toxicity		Based on available data

12. Ecological information

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Toxicity	:	No toxicity studies have been conducted
Chronic aquatic toxicity	:	Not expected to demonstrate chronic toxicity to aquatic organisms
Ecotoxicity	:	The product may affect the aquatic environment. There is a risk of harmful effects to aquatic organisms.
Mobility	:	No information available

13. Disposal considerations

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Waste Disposal Methods : Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification

14. Transport information

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Land Transport :

Proper Shipping Name	:	Corrosive Liquid Organic NOS, BHMTF
UN Number	:	UN3265
Transport hazard class(es)	:	8
Transport hazard class(es)	:	III
Special precautions for user	:	Not applicable

Air Transport (ICAO/ IATA)

Proper Shipping Name	:	Corrosive Liquid Organic NOS, BHMTTP
UN Number		UN 3265
Transport hazard class(es)	:	8
Transport hazard class(es)	:	III
Special precautions for user	:	Not applicable

Marine Transport (IMDG/IMO)

Proper Shipping Name		Corrosive Liquid Organic NOS, BHMTTP
UN Number		UN 3265
Transport hazard class(es)		8
Transport hazard class(es)		III
Special precautions for user		Not applicable

15. Regulatory information

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Safety, health and environmental regulations/legislation specific for the substance or mixture:

CONTAINS BHMTTP (METHYLENEPHOSPHONIC ACID)

RISK PHRASES

R34 : Causes burns.

SAFETY PHRASES

S24/25 : Avoid contact with skin and eyes.

S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.

S45 : In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

S60 : This material and its container must be disposed of as hazardous waste.

16. Other information

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