

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
BHMTP (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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Corrosive

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

4. First Aid Measures

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Inhalation	:	Remove to fresh
Skin Contact	:	Wash off imme
Eye Contact	:	plenty of water,
Ingestion	:	Seek medical ad

Important symptoms	:	Causes severe skin irritation and corrosion.
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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 containers exposed. Keep run-off water control.
Special Hazard during fire	:	May develop high temperatures.
Method	:	Wear full protective fighting.

6. Accidental Release Measures

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Personal Precautions	:	Wear protective sheet. In case of skin contact: Avoid inhalation.
Environmental Precautions	:	In the event of waterways. Do not allow to become contam surface water.
Methods for Containment and Clean Up	:	Small Spill : S suitable, cover Large Spill : S dry sand or ea spillage must symbol. Do not 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 sufficient. Laboratory safety
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		mechanical v goggles or face
Skin and body protection	:	When handling recommended and what chemical
Hygiene Measures	:	DO NOT SMOKE work shift and promptly if skin 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 excess heat
Hazardous Decomposition Products	:	Oxides of: Carbon
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 skin irritation
Inhalation	:	May cause irritation
Ingestion	:	Corrosive. Even if swallowed, may cause chemical burns
STOT - repeated exposure	:	Based on available information
Aspiration toxicity	:	Based on available information

12. Ecological information

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Toxicity	:	No toxicity studies have been conducted
Chronic aquatic toxicity	:	Not expected to demonstrate chronic effects to aquatic organisms
Ecotoxicity	:	The product may affect the environment. The risk of harmful effects to aquatic life is unknown
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, BHMTP
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, BHMTP
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, BHMTP
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 BHMTP (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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