

Material Safety DATA SHEET

DOCUMENT NO.: | REVISED DATE 05/01/15



For chemical emergency spill, leak, fire, exposure or accident call (CHEMTREC) 800-424-9300. This MSDS complies with 29 CFR 1919.1200 (The Osha Hazard Communication Standard).

Section 1: Identification

Product / Chemical Name:
Rust Remover

Product Identification No: Rust Remover
Chemical Family: Mixture
Trade Name and Synonyms: N/A
Molecular Formula: C2H4O2S.H3N
Chemical Name: N/A
Chemical Formula: N/A
Rational Formula: HS-CH2COONH4

Distributor Name:
Alpha Professional Tools®
Address:
103 Bauer Drive, Oakland, NJ 07436
Emergency Tel. No.:
800-648-7229

Section 2: Hazard(s) Identification

Hazardous Decomposition Products:
Can release hydrogen sulfide, sulfur oxides and ammonia under decomposition.

Section 3: Composition/Information on Ingredients

Chemical Name	CAS#	EINECS#	%
Ammonium thioglycolate	5421-46-5	226-540-9	45
Water			47
Rice Powder			7
Others			1

Molecular Formula: C2H4O2S.H3N
Rational Formula: HS-CH2COONH4

Section 4: First-Aid Measures

Eyes: Flush eyes, if exposed with water for 15 minutes, then see a physician.
Skin: Wash exposed area thoroughly with soap and water.

Ingestion: Do not induce vomiting. Seek immediate medical attention.
Inhalation: Get medical attention.

Copyright © 2015 Alpha Professional Tools. All rights reserved.

Section 5: Fire-Fighting Measures

Flash Point (Method Used): No data available
Extinguishing Media: Foam, carbon dioxide, dry chemical

Fire Fighting Procedures:

Use chemical respiratory protection or self breathing apparatus. Use protective gloves and other clothing. Water fog may be used to combat larger fires.

Unusual Fire & Explosion Hazard:

Can release hydrogen sulfide, sulfur oxides, and ammonia on thermal decomposition.

Section 6: Accidental Release Measures

Step to be Taken if Material is Released or Spilled: Remove sources of spark or combustion. Sweep up spilled material.

Neutralizing Chemicals:

Waste disposal Method: Dispose by incineration.

Section 7: Handling and Storage

Precautions to be taken in handling and storage:

Avoid contact of liquid with skin or eyes. Store in a cool, dry place.

Section 8: Exposure Controls/Personal Protection

Ventilation Requirements: Use adequate ventilation.
Respiratory: Cartridge type respirator rated for organic chemical exposure.

Eyes: Chemical safety goggles.
Gloves: Butyl rubber quantiet type
Other Clothing and Equipment:

Section 9: Physical and Chemical Properties

Boiling Point:
Evaporation Rate (Ether=1):
Solubility:
Specific Gravity R,0=1: 1.245(25C)
Appearance & Odor: Colorless liquid, characteristic odor
Vapor Pressure:

Vapor Density (AIR=1):
% Volatiles by VOL.070F :
ph: 6.85-6.98
Hazardous Decomposition Products:
Can release hydrogen sulfide, sulfur oxides and ammonia under decomposition.

Section 10: Stability and Reactivity

Stability:

Stable with normal handling and storage.
Hazardous polymerization will not occur

Conditions to avoid:

Keep away from oxidizing materials.

Section 11: Toxicological Information

Threshold Limit Value: Unknown

Effects of Overexposure Inhalation: Unknown

Skin: May cause irritaiton

Eyes: May cause irritation

Chronic Overexposure Effects:

Section 12: Ecological Information (non-mandatory)

Section 13: Disposal Considerations (non-mandatory)

Step to be Taken if Material is Released or Spilled: Remove sources of spark or combustion. Sweep up spilled material.

Neutralizing Chemicals:

Waste disposal Method: Dispose by incineration.

Section 14: Transport Information (non-mandatory)

Section 15: Regulatory Information (non-mandatory)

Section 16: Other Information

MSDS Creation Date: 1/2/2006 **Revision #4 Date:** Original.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.