

MILLER CHEMICAL & FERTILIZER CORPORATION

P.O. BOX 333, RADIO ROAD  
HANOVER, PENNSYLVANIA 17331 U.S.A.  
TELEPHONE: (717)632-8921  
FAX NO: (717)632-4581  
CABLE ADDRESS - MICO

MATERIAL SAFETY DATA SHEET

Conforms to U.S. Department of  
Labor, Occupational Safety and  
Health Administration

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IDENTITY VAPOR GARD  
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SECTION I  
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Manufacturer's Name: MILLER CHEMICAL & FERTILIZER CORP.

Address: BOX 333 RADIO ROAD  
HANOVER, PA 17331

Emergency Telephone Number: CHEMTREC: 1-800-424-9300 717-632-8921

Telephone Number for Information: 717-632-8921

Date Prepared: 08/25/93

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SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	%
NONE				

PA Right-to-Know: This product contains proprietary ingredient(s).

Vapor Gard is non-hazardous under the OSHA Hazard Communication and  
State Right-to-Know Laws based on animal toxicity studies and physical  
characteristics. This MSDS is provided for handling guidelines.

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SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

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Boiling Point: NA  
Vapor Pressure (mm Hg): NA  
Vapor Density (AIR = 1): NA  
Specific Gravity  
(H<sub>2</sub>O = 1): 0.94  
Melting Point: NA  
Evaporation Rate  
(Butyl Acetate = 1): NA  
Solubility in Water: Emulsifies  
Appearance and Odor: Amber Liquid, Terpene Odor

NA - Not Applicable or Not Available

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA  
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Flash Point

(Method Used): Greater than 200°F TCC  
Flammable Limits: NA  
LEL: NA  
UEL: NA  
Extinguishing Media: Dry Chemical, Carbon Dioxide, Foam  
Special Fire Fighting  
Procedures: None Known  
Unusual Fire and  
Explosion Hazards: None Known

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SECTION V - REACTIVITY DATA  
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Stability: Stable  
Conditions to Avoid: None Known  
Incompatibility  
(Materials to Avoid): None Known  
Hazardous Decomposition  
or Byproducts: None Known  
Hazardous Polymerization: Will Not Occur  
Conditions to Avoid: None Known

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SECTION VI - HEALTH HAZARD DATA  
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Route(s) of Entry:

Inhalation: NA  
Skin: NA  
Ingestion: NA

Health Hazards (Acute and Chronic):  
Oral LD<sub>50</sub>: Greater than 5g/Kg.

Carcinogenicity:

NTP: No  
IARC Monographs: No  
OSHA Regulated: No

Signs and Symptoms of Exposure: None Known

Medical Conditions Generally Aggravated by Exposure: None Known

Emergency and First Aid Procedures:

SKIN: Wash with Warm Water and Soap.  
EYES: Flush with Water for 15 Min. Consult a Physician.  
INGESTION: Consult a Physician as in any Case of Ingestion of  
Non-Food Product.

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SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE  
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Steps to Be Taken in Case Material is Released or Spilled:

Sweep up with Absorbent Material. Flush Area with Water.

Waste Disposal Method:

Dispose of in accordance with Local/State/Federal Regulations.

Precautions to Be Taken in Handling and Storing:

Store in a Cool, Dry Place.

Other Precautions: None

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SECTION VIII - CONTROL MEASURES  
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Respiratory Protection: None - Avoid Vapor Inhalation

Ventilation:

Local Exhaust: None  
Mechanical (General): If Needed  
Special: NA  
Other: NA

Protective Gloves: Edmont #312 or Equivalent

Eye Protection: Chemical Splash Goggles

Other Protective

Clothing or Equipment: Clean, Body-Covering Clothing

Work/Hygienic Practices:

Follow Good Industrial Hygiene Practices.

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