

(PSI logo here)

Pharm Solutions, Inc.**Tel: 805-927-7400****Fax: 805-927-7501**

1. Product Identification**Garlic Pharm**

2. Hazardous Components

No hazardous materials present as defined in 29 CFR 1910.1000, 40 CFR 260 – 281, 302, 355, 370, 372 or WHMIS.

3. Health Hazard Data

Inhalation: Non expected, however, certain individuals may be sensitized and experience minor nausea or headaches.

Emergency and first aid procedures: Remove affected person to fresh air; if symptoms persist, seek medical attention.

Skin: Non expected, however prolonged contact may cause irritation.

Emergency and first aid procedures: Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.

Eyes: Contact with eyes may cause irritation.

Emergency and first aid procedures: Remove contact lenses. Flush eyes with water for 15 minutes; if irritation persists, seek medical attention.

Ingestion: May cause gastric distress, vomiting and diarrhea.

Emergency and first aid procedures: Give two glasses of water for dilution; DO NOT induce vomiting; seek medical attention.

Health Hazards (Acute and Chronic): Acute effects are possible (irritation and discomfort); no known chronic effects have been established.

Carcinogenicity: No additional information.

Medical conditions generally aggravated by exposure: Preexisting skin, eye or respiratory disorders may become aggravated through prolonged exposure.

4. Fire Fighting Measures

Flash Point (Method used): Non-flammable Flammable Limits: LEL: N/A UEL: N/A

Extinguishing Media: Carbon dioxide, water, water fog, dry chemical, chemical foam

Special fire fighting procedures: Keep containers cool with water; spray to prevent container rupture due to steam buildup; floor will become slippery if material is released.

Unusual fire and explosion hazards: None

MATERIAL SAFETY DATA SHEET

Identity (as used on label and list)

Food Grade Garlic Oil Repellant
Date: 11/01/05

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5. Accidental Release Measures

Steps to be taken in case materials is released or spilled: Small spills – wash to sanitary sewer with plenty of water. Large spills – soak up with approved absorbent, shovel product into approved container for disposal. Wash area with plenty of water.

6. Handling and Storage

Precautions to be taken in handling and storage: Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures.

7. Exposure Controls/Personal Protection

Respiratory protection: None required.

Ventilation: **Local exhaust:** Not necessary **Mechanical (General):** Recommended

Protective gloves: None required Other protective equipment: Safety eyebath nearby

Eye protection: Recommended for general protection

8. Physical/Chemical Properties

Boiling Point: 210° F

Vapor Pressure (MM Hg): 17mm Hg@ 20° C

Vapor Density (Air = 1): >1

Solubility in Water: Miscible

Appearance and Odor: Clear/slightly hazy
yellowish liquid, garlic odor

Specific Gravity (Water = 1): 1.035

pH: 8.9

Evaporation Rate (Water = 1): <1

% Volatile (by weight): 59.5%

9. Stability and Reactivity

Stable. Conditions to avoid: N/A.

Incompatibility (materials to avoid): N/A

Hazardous decomposition or byproducts: Decomposition will not occur if handled and stored properly.

Hazardous polymerization: will not occur

10. Disposal Considerations

Waste disposal method: Dispose of in accordance with Local, State and Federal regulations. Products classified as non-hazardous may become hazardous waste upon contact with other products. Refer to 40 CFR Protection of Environment Parts 260-299 for complete waste disposal regulations. Consult your local, state or Federal Environmental Protection Agency before disposing of any chemicals.