

# Garlic Research Labs

## SAFETY DATA SHEET

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SDS Identifier - **MOSQUITO BARRIER**

### SECTION I – CHEMICAL / PRODUCT AND COMPANY IDENTIFICATION

Garlic Research Labs, Incorporated  
624 Ruberta Avenue  
Glendale, California 91201-2335  
USA

#### RATING KEY

4=EXTREME  
3=HIGH  
2=MODERATE  
1=SLIGHT

#### Hazard Rating

Health: 1  
Flammability: 0  
Reactivity: 0

EMERGENCY PHONE: 1-800-424-7990

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Research and Development Director

Issue Date: March 23, 2015

Material Name: - Mosquito Barrier

### SECTION II – COMPOSITION AND INGREDIENTS

Principal Hazardous Components: None

#### Product Ingredient Composition:

Garlic Juice (Allium Sativum) - (CAS 92874-94-7)  
Potassium Sorbate - (CAS 24634-61-5)  
Citric Acid - (CAS 77-92-9)

### SECTION III – HAZARDS IDENTIFICATION

**Emergency Overview:** This mixture is recognized by the FDA as GRAS (Generally Recognized As Safe).  
Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]:

This mixture is not considered a hazard when used in a manner consistent with the labeled directions.

**Label Caution:** Keep out of the reach of children.

**Eye:** May produce transient superficial irritation.

**Skin:** None to slight skin irritation..

**Inhalation:** Not an inhalation hazard.

**Ingestion:** Ingestion of several ounces may produce signs of stomach irritation.

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## SECTION IV – FIRST AID MEASURES

**Eye:** Flush with water.

**Skin:** Rinse with water.

**Inhalation:** No applicable information has been found.

**Ingestion:** May cause nausea, vomiting and mild GI irritation. Swallow milk or water to dilute.

## SECTION V – FIRE FIGHTING MEASURES

**Flash Point:** Not applicable

**Auto-ignition Temperature:** Not applicable.

**Flammable Limits:** Not applicable

**Extinguishing Media:** Material will not burn.

**Explosion Hazards:** Material will not explode.

**Special Instructions:** None

## SECTION VI – ACCIDENTAL RELEASE MEASURES

**Personal Safeguards:** Avoid excessive contact with eyes and skin.

**Environmental Precautions:** Absorb spills with inert material.

**Spill Clean-up Procedures:**

*Industrial:* Absorb liquid and place in disposal container. May wash liquid with water into sewer.

This material is not known to possess additional hazards when spilled beyond those of other non-hazardous materials.

*Household:* Product used in household may be disposed of in refuse or sewer.

## SECTION VII – HANDLING AND STORAGE

**Recommended Storage Temperature:** None

**Personal Precautions for Safe Storage and Handling:** None

**Conditions for Safe Storage:** Store in cool dry area.

**Other Precautions:** None

## SECTION VIII – EXPOSURE CONTROLS, PERSONAL PROTECTION

This section only applies to the product when used in an industrial setting.

**Ventilation:** Good general ventilation is sufficient for control.

**Eye Protection:** Wear safety glasses with side shields.

**Respiratory Protection:** None

**Skin Protection:** For brief contact normal work attire is sufficient.

**Other Special Protection:** Wear long sleeve shirt, long pants and high top shoes.

Wash thoroughly after handling and applying.

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## SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance / Color: Light to dark amber colored liquid  
Melting Point: Not applicable  
Odor: Strong garlic  
Boiling Point: Not available  
Odor Threshold: Low  
Solubility in Water: Soluble  
Physical State: Liquid  
Vapor Density: Not available  
Specific Gravity (H<sub>2</sub>O=1): 1.1  
pH: 6.2 - 7.3

## SECTION X – STABILITY AND REACTIVITY

Stability: Stable  
Possibility of Hazardous Reaction: None known  
Incompatibility (Materials to avoid): None known  
Hazardous Decomposition Products: None known

## SECTION XI – TOXICOLOGICAL INFORMATION

Chronic Effects: No chronic health effects reported.  
Target Organs: No target organs reported.  
Carcinogenicity: This finished consumer product is not carcinogenic.  
NTP: No  
IARC: No

## SECTION XII – ECOLOGICAL INFORMATION

This product has not been registered with the U.S. Environmental Protection Agency. Relevant eco-toxicity and fate data for ingredients in this formulation have been reviewed and Garlic Research Labs represents that the product qualifies for exemption from registration under the Federal Insecticide, Fungicide and Rodenticide Act. Under normal and foreseeable consumer uses, there are no concerns for aquatic organisms exposed to the product ingredients at the anticipated environmental concentrations and do not accumulate in the environment. The product is compatible with down-the-drain disposal routes, including municipal wastewater treatment processes and septic tank systems. This product is intended for dispersive use and should not be disposed of directly into the environment.

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## SECTION XIII – DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose in compliance with Federal, State/Provincial and Local regulations.

*Industrial Setting:* This product is not considered a hazardous waste under US RCRA when disposed.

*Households:* This product is safe for disposal down the drain after use.

## SECTION XIV – TRANSPORTATION

**Agency Classification:**

US DOT (transportation by ground): Non-Regulated

IMDG (transportation by sea): Non-Regulated

IATA (transportation by air): Non-Regulated

## SECTION XV – ADDITIONAL REGULATORY INFORMATION

US Federal: None

TSCA: None

SARA: None

US States: None

California: This non-hazardous product does not require warning labeling under California Proposition 65.

California Registration Number: None. Ingredients included on the U.S. EPA Minimum Risk 25(b) list are exempt from registration.

## SECTION XVI – OTHER INFORMATION

**DISCLAIMER:** This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Garlic Research Labs to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release into the environment. Garlic Research Labs assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.