



## MATERIAL SAFETY DATA SHEET

---

**JH BIOTECH, INC.** 4951 Olivas Park Drive, Ventura, CA 93003

Phone: (805) 650-8933 Fax: (805) 650-8942

### SECTION I: GENERAL INFORMATION

Product Number: 0215

Product Name: **BioRepel®**

Product Class: Natural insect repellent

Chemical Name and Synonyms: Allium sativum (garlic)

Precautions: Avoid contact with eyes, skin, and clothing

### SECTION II: HAZARDOUS INGREDIENTS

Not Applicable

### SECTION III: PHYSICAL/CHEMICAL DATA

Boiling Point:

% Volatile by Weight: N/A

Vapor Density: Not Determined

Vapor Pressure (mm Hg): Not Determined

Solubility In Water: Slightly soluble

Specific Gravity (H<sub>2</sub>O=1): 1.01

Appearance and Odor: Cloudy in color,  
offensive garlic odor

### SECTION IV: FIRE AND EXPLOSION DATA

Flash Point: N/A

Explosive Limits: Not Determined

Extinguishing Media: Not Flammable

Unusual Fire Explosion Hazards: None

### SECTION V: REACTIVITY DATA

Stability: Unstable

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: None

Incompatibility: None

### SECTION VI: HEALTH HAZARD DATA

Effects of Overexposure/Emergency and First Aid Procedures:

Eyes: Wear chemical type goggles. Avoid contact with eyes. Flush eyes immediately with water.

Skin: Protect skin from contact. Causes irritation. Wash off skin with water.

Inhalation: If vapors or mist causes irritation or distress, remove to fresh air.

Ingestion: If swallowed, do not induce vomiting, consult a physician immediately.

Respiratory Protection: No special requirements.

### SECTION VII: SPILL, LEAK, AND DISPOSAL PROCEDURES

Contain all spills and leaks to prevent discharge into the environment. If spilled, use appropriate absorbent material to absorb the spilled material and flush spilled area with water.

### SECTION VIII: SPECIAL PRECAUTIONS

Handling and Storage: Avoid overheating or freezing.

Other Precautions: Wash thoroughly after Handling. If ingested, call a physician.

---

Neither this data sheet nor any statement contained herein grants or extends any license, expressed or implied, in connection with patents issued or pending which may be the property of the manufacturer or others. The information in this sheet has been assembled by the manufacturer based on its own studies and on the work of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable to the vendee, the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy, or furnishing of such information.