


Material Safety Data Sheet

May be used to comply with
 OSHA's Hazard Communication Standard.
 29 CFR 1910.1200 Standard must be
 consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

IDENTITY (As Used on Label and List)			
GARLIC BARRIER AG		Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.	
Section I			
Manufacturer's Name		Emergency Telephone Number	
Garlic Research Labs		1-800-424-7990	
Address (Number, Street, City, State, and ZIP Code)		Telephone Number for information	
624 Ruberta Avenue		818-247-9600	
Glendale, CA 91201-2335		Date Prepared October 24, 1999	
		Signature of Preparer (optional) 	
Section II – Hazardous Ingredients/Identity Information			
Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended c/o (optional)
Allium Sativum extract / Garlic Juice	n/a	n/a	n/a
Section III – Physical/Chemical Characteristics			
Boiling Point	N/A	Specific Gravity (H2O = 1)	1.1
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Slight			
Appearance and Odor Yellowish sand color. Strong garlic odor.			
Section IV – Fire and Explosion Hazard Data			
Flash Point (Method Used)	Flammable Limits	LEL	UEL
N/A		N/A	N/A
Extinguishing Media Non flammable			
Special Fire Fighting Procedures None			
Unusual Fire and Explosion Hazards None			

Section V – Reactivity Data			
STABILITY	Unstable		Conditions to Avoid
	Stable	X	Prolonged skin contact, may cause slight irritation
Incompatibility (Materials to Avoid)			
None			
Hazardous Decomposition or Byproducts			
None			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	
Section VI – Health Hazard Data			
Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	No	No
Health Hazards (Acute and Chronic)			
None known.			
Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No
Signs and Symptoms of Exposure			
If in direct contact, slight skin irritation may occur.			
Medical Conditions			
Generally Aggravated by Exposure			
None			
Emergency and First Aid Procedures			
If in eyes or on skin, flush with plenty of water.			
Section VII – Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material Is Released or Spilled.			
Wash area with water and sweep away. Product is biodegradable.			
Waste Disposal Method			
Place in containers and take to waste disposal center.			
Precautions to Be Taken in Handling and Storing			
Store in cool dry place.			
Other Precautions			
None.			
Section VIII – Control Measures			
Respiratory Protection (Specify Type)			
None			
Ventilation	Local Exhaust		Special
		N/A	
	Mechanical (General)		Other
		N/A	
Protective Gloves		Eye Protection	
Yes		Goggles only.	
Other Protective Clothing or Equipment			
Long sleeve shirts and long pants and high top shoes			
Work/Hygienic Practices			
Wash thoroughly after handling and applying			