



Please read the entire document. This Material Safety Data Sheet contains important environmental, health and toxicology information for your employees, and anyone who will use, transport, store, dispose of or handle this product. Please make sure this information is given to them. It also contains information to help you meet community right-to-know/emergency response reporting requirements under SARA Title III and many other laws. If you resell this product, this MSDS must be given to the buyer or the information contained herein must be incorporated in your MSDS.

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BIOMITE
EPA REGISTRATION NUMBER(S): 70057-1
SYNONYM(S): NA

COMPANY

Arysta LifeScience North America LLC
15401 Weston Parkway, Suite 150
Cary, NC 27513

EMERGENCY TELEPHONE NUMBERS

HEALTH EMERGENCY:	SPILL EMERGENCY:
1-866-303-6952, or 1-651-632-8946	1-800-424-9300, or 1-703-527-3887

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Active Ingredient(s)/ Hazardous Inert Ingredient(s)	CAS #	Exposure Limits*	% Weight	% Volume
Mixture of Geraniol, Citronellol, Nerolidol, Farnesol	NA	TWA^a OSHA PEL ^b : None ACGIH TLV ^c : None NIOSH REL ^d : None	< 2	NA
Other Ingredients	NA	TWA OSHA PEL: None ACGIH TLV: None NIOSH REL: None	> 98	NA

Only the identities of the active ingredient(s) and any hazardous inert ingredients are listed. Specific information on all of this product's ingredients can be obtained by the treating medical professional or spill emergency responder for the management of exposures, spills, or safety assessments.

*Source: *Guide to Occupational Exposure Values 2003*, published by ACGIH

^a**TWA**: Time-weighted average exposure concentration for a conventional 8-hour (TLV, PEL) or up to a 10-hour (REL) workday and a 40-hour workweek.

^b**OSHA PEL**: Occupational Safety and Health Administration Permissible Exposure Limits.

^c**ACGIH TLV**: American Conference of Governmental Industrial Hygienists, Inc., Threshold Limit Values.

^d**NIOSH REL**: National Institute for Occupational Safety and Health Recommended Exposure Limits.

SECTION 3: HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW****WARNING:** - **KEEP OUT OF REACH OF CHILDREN****Acute Health Hazards****Eye:** Moderately irritating**Skin:** Non-irritant.**Ingestion:** NDA**Inhalation:** NDA**Chronic Health Hazards (Including Cancer):** NDA**Reproductive and Developmental Toxicity:** NDA**SECTION 4: FIRST AID MEASURES**

Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation: Move victim to fresh air. If person is not breathing, call 9-1-1 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for treatment advice.

SECTION 5: FIRE FIGHTING MEASURES

Flammable Limits in Air (% by volume):		
	Upper:	Not flammable
	Lower:	Not flammable
Flash Point:		66°C
	Method Used:	NDA
Autoignition Temperature:		NA
LEL/UEL:		NA
NFPA Hazard Classification:		
	Health:	1
	Flammability:	2
	Reactivity:	0
	Other:	0
Extinguishing Media:		Water spray, foam, CO ₂ , dry chemical powder
Special Fire Fighting Procedures:		In case of fire and/or explosion, do not breathe fumes
Hazardous Combustion Products:		None known

SECTION 6: ACCIDENTAL RELEASE MEASURES**EMERGENCY PHONE NUMBERS****Exposure Calls (PROSAR): 1-866-303-6952 or 1-651-632-8946 (International)****Spill Calls (CHEMTREC): 1-800-424-9300 or 1-703-527-3887**

Wear personal protection. Do not flush into public water ways. Do not empty into drains. Collect spillage into drums and keep safe for disposal. Wash thoroughly after handling any spilled product.

SECTION 7: HANDLING AND STORAGE

Store in a cool, dry area until used. Store in original container at a temperature at or below 104°F. Keep container tightly closed and dry. Keep out of reach of children. Follow label directions carefully. Do not eat or smoke while handling. Wash hands thoroughly after handling.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection: Wear eye protection.

Skin Protection: Wear face protection, long-sleeved shirt and long pants, and gloves.

Respiratory/Ventilation Requirements: Provide adequate ventilation.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light brown
Odor:	Pleasant odor of aromatic compound
Physical State:	Liquid
pH:	5-6 (1%)
Boiling Point:	NA
Melting Point:	NA
Freezing Point	NDA
Vapor Pressure:	Negligible
Vapor Density:	Not relevant
Bulk Density:	NDA
Specific Gravity:	NDA
Evaporation Rate:	NDA
Solubility in Water:	Readily miscible in water
Percent Solids by Weight:	NA
Percent Volatile:	NDA
Volatile Organic Compounds:	NDA
Molecular Weight:	NDA
Viscosity:	37cSt

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable under recommended storage and handling conditions
Hazardous Polymerization:	NDA
Flash Point:	66°C
Flammable Point:	NA
Auto Ignition:	NA
Incompatibility With Other Materials:	None known
Decomposition Products:	Can emit irritating fumes under fire conditions

SECTION 11: TOXICOLOGICAL INFORMATION**Acute:**

Oral Toxicity: LD₅₀ (rat): 5242 mg/kg (male); 3573 mg/kg (female)

Dermal Toxicity: LD₅₀ (rabbit): 5050 mg/kg (male and female)

Inhalation Toxicity: NDA

Eye Irritation: Moderately irritant to the eye

Skin Irritation: Not irritant to the skin

Skin Sensitization: Very slightly sensitizing to the skin

Subchronic: NDA

Chronic Toxicity: NDA

Carcinogenicity: NDA

Mutagenicity: NDA

Developmental Toxicity: NDA

Reproduction: NDA

Neurotoxicity: NDA

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Organism Toxicity: Toxic to aquatic organisms.

Based on structurally related products, the following may be expected:

Degradation: Readily biodegradable.

Bioaccumulation: Supposed to be negligible.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

NOT REGULATED FOR TRANSPORT

SECTION 15: REGULATORY INFORMATION**U.S Federal Regulations**

FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act): All pesticides are governed under FIFRA. Therefore, the regulations presented below are pertinent only when handled outside of the normal use and applications of pesticides. This includes waste streams resulting from manufacturing/formulation facilities, spills or misuse of products, and storage of large quantities of products containing hazardous or extremely hazardous substances.

CERCLA (Comprehensive Response Compensation, and Liability Act): NA

EPCRA (Emergency Planning and Community Right-to-Know Act) Section 313: None

OSHA (Occupational Safety and Health Administration): This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

RCRA (Resource Conservation and Recovery Act): None

SARA Title III (SUPERFUND Amendments and Reauthorization Act):

Section 302 (EHS) TPQ: None

Section 304 (EHS) RQ: None

Section 311/312 CATEGORIES	1.	Immediate (Acute) Health Effects; YES
	2.	Delayed (Chronic) Health Effect; NO
	3.	Fire Hazard; NO
	4.	Sudden Release of Pressure Hazard; NO
	5.	Reactivity Hazard; NO

TSCA (Toxic Substance Control Act): This product is exempt from TSCA Regulation under FIFRA Section 3 (2)(B)(ii) when used as a pesticide.

State Regulations: Each state may promulgate standards more stringent than the federal government. This section cannot encompass an inclusive list of all state regulations. Therefore, the user should consult state or local authorities.

International Regulations:

EEC Classification: Xi Irritant to eye

Risk Phrases:
R36: Irritating to eyes
R52: Harmful to aquatic organisms

Safety Phrases:
S2: Keep out of the reach of children
S13: Keep away from food, drink, and animal feeding stuffs
S20/21: When using do not eat, drink or smoke
S24/25: Avoid contact with skin and eyes
S36/37: Wear suitable protective clothing and gloves

SECTION 16: OTHER INFORMATION

Reason for issue:	Changes to Transportation Information (Section 14)
Prepared by:	Ashley R. Brown
Issue date:	07/01/09
Supersedes date:	06/11/07
MSDS number:	00131

The information in this MSDS is based on data available to us as of the issue date given herein, and believed to be correct. Contact Arysta LifeScience North America LLC at (919) 678-4900 to determine if additional data and information have become available since the issue date.

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