



Ecological Laboratories INC.

Providing Aquatic Solutions Since 1976

MATERIAL SAFETY DATA SHEET

PRODUCT: MICROBE-LIFT Biological Mosquito Control (BMC)

SECTION I: IDENTIFICATION

Manufactures Name: Ecological Laboratories, Inc.
Address: 2525 N.E. 9th Avenue
Cape Coral, FL 33909
Emergency Telephone: (800)424-9300 (outside the U.S.A. (202) 483-7616 collect)

Information Telephone: (800) 645-2976
Date Prepared: 03/01/2010
EPA Reg. No.: 62637-1-74466
EPA Establishment No.: 74466-FL-001
TSCA Status: Exempt

SECTION II: COMPOSITIONS/ INGREDIENTS

Bacillus thuringiensis subspecies israelensis

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance: Tan Liquid. Potency 1,200 ITU/mg.
pH: 4.00 – 5.00
Solubility in Water: N/A
Boiling Point: 100° C
Vapor Pressure (mm Hg): N/A
Vapor Density: N/A
Specific Gravity: 1.04 – 1.12
Viscosity: N/A

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A
Extinguishing Media: Use appropriate media for cause of fire.
Special Fire Fighting Procedures: Wear protective clothing and self-contained breathing apparatus.
Unusual fire and explosion hazards: N/D

SECTION V: REACTIVITY DATA

Stability: Stable under normal conditions.

Incompatibility: Do not expose to solutions with high alkalinity.
Hazardous Decomposition or Bi-products: N/D

Conditions to Avoid:

N/D

SECTION VI: HEALTH HAZARD DATA

Routes of Entry:	Inhalation – No Skin - No Ingestion - No
Oral Toxicity:	N/D. The acute oral LD ₅₀ in both male and female rats was > 5,000 mg/kg b.w., for the technical powder used in the formulation indicating that the material is non-toxic by ingestion in single doses.
Dermal Toxicity:	N/D. The acute dermal LD ₅₀ in both male and female rabbits was found to be > 2,000 mg/kg b.w. for the technical powder used in the formulation indicating that the material no more than slightly toxic by a single skin application.
Dermal and Eye Irritation:	The product is considered to be non-irritating to rabbit eye and/or skin.
Dermal Sensitization:	Appropriate skin sensitization studies in guinea pigs has indicated that the product is a non-sensitizing agent.
Inhalation Toxicity:	N/D. The LC ₅₀ in four hour inhalation studies in rats was 25.1 mg/L (actual) of air, the maximum attainable concentration.
Corrosiveness:	Non-corrosive.

MICROBE-LIFT/BMC (Biological Larvaecide Aqueous Suspension)

Carcinogenicity:	NTP - NL IARC - NL OSHA - NL ACGIH - NL
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Signs and Symptoms of Exposure:	N/D
Medical Conditions Aggravated by Exposure:	N/D. Pre-existing eye lesions or lung disease.
Emergency and First Aid Procedures:	Remove individual to fresh air. Seek medical attention if there is difficulty in breathing. If skin or eye contact occurs flush with plenty of water. If irritation occurs, seek medical attention. No known antidote.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING, USE AND DISPOSAL

SPECIAL HANDLING AND STORAGE:

Tightly reclose containers of unused materials. Do not contaminate water, food, or feed by storage or disposal, Store in a secure, cool, dry, well-ventilated room, building or covered area. Avoid temperatures above 72 degrees F.

SPILL OR LEAK PROCEDURES:

Absorb spill with an inert material, such as clay, and place in a container for disposal.

WASTE DISPOSAL:

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

SECTION VIII: ADDITIONAL REGULATORY INFORMATION

Sara Title III Data:

Section 311 and 312 Hazard Categories:
Immediate Health Hazard - None
Delayed Health Hazard - None
Fire Hazard - None
Reactive Hazard - None
Sudden Pressure Release Hazard - None

Section 302: Extremely Hazardous Substances - None

Section 313: Toxic Chemicals - None

CERCLA Reportable Quantity - Not Listed

FOR EMERGENCY CALL:
CHEMTREC-DAY OR NIGHT (800)424-9300 or
Outside USA: 202-483-7616 COLLECT

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