

**AQUABAC<sup>a</sup>****(200 G) MOSQUITO BIOLARVICIDE GRANULE**

EPA Registration No.: 62637-3  
 EPA Establishment No.: 44616-MO-01  
 Manufacturer:  
 Becker Microbial Products, Inc.  
 9464 N.W. 11th Street  
 Plantation, Florida 33322  
 Telephone: 305-474-7590

Issue Date: May 26, 1995  
 TSCA Status: Exempt  
 Product Name: AQUABAC (200G)  
 Chemical Name: *Bacillus thuringiensis* subspecies *israelensis*  
 Dot Classification: Not Regulated

**HAZARDOUS INGREDIENTS/  
IDENTITY INFORMATION**

Name (CAS NO.)	OSHA PEL	ACGIH TLV
<i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> Serotype H-14 Mixture considered hazardous per OSHA Criteria	NL	NL
	NL	NL

**PHYSICAL PROPERTIES**

Appearance: Granular solid. Potency 200 ITU/mg.  
 Solubility: N/A  
 Boiling Point: N/A  
 pH: N/A  
 Vapor Density: N/A  
 Viscosity: N/A  
 Melting Point: N/A  
 Vapor Pressure: N/A  
 Bulk Density: 35 40 Lbs/cubic foot

**FIRE AND EXPLOSION 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

**REACTIVITY**

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

**HEALTH HAZARD INFORMATION**

**Routes of Entry:** Inhalation - No  
 Skin - No  
 Ingestion - No

Oral Toxicity: The acute oral LD<sub>50</sub> 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: The acute dermal LD<sub>50</sub> 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: The LC<sub>50</sub> in four hour Inhalation studies in rats was >2.1mg/L (actual) of air, the maximum attainable concentration.

Corrosiveness: Non-corrosive.

Carcinogenicity: NTP - NL  
 IARC - NL  
 OSHA - NL  
 ACGIH NL

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.

**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 85 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.

**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**

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their particular purpose of any information or products referred to herein. **NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.**

Legend:  
 N/A = Not Applicable  
 N/D = Not Determined  
 N/L = Not Listed