



# AQUABAC<sup>TM</sup> (200G)

## Biological Larvicide 10/14 Granule

### MANUFACTURED FOR:

AFA Environment Inc.,  
807 Alfred-Laliberte Street  
Mont-Saint-Hilaire, Quebec J3H 5M8

Emergency Telephone Number: (877) 507-7232

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PCPA No.: 27374

Product Name: AQUABAC 200 G Biological Larvicide 10/14

Chemical Name: *Bacillus thuringiensis* subspecies *israelensis*

Transportation Classification: Not Regulated

### HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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

### 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: N/A

### 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.

Usual 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 is no more than slightly toxic by a single skin application.

## DOMESTIC USE - MATERIAL SAFETY DATA SHEET

**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 have indicated that the product is a non-sensitizing agent.

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

**Corrosiveness:** Non-corrosive.

**Carcinogenicity:** NTP N/L  
 IARC N/L  
 OSHA N/L  
 ACGIH N/L

**Signs and Symptoms of Exposure:** N/D

**Medical Conditions Aggravated by Exposure:** 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 29 °C.

### 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, provincial, 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

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### LEGEND:

N/A: Not Applicable

N/D: Not Determined

N/L: Not Listed