

MATERIAL SAFETY DATA SHEET

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AQUABAC 400G MOSQUITO BIOLARVICIDE

January 2015

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MATERIAL NAME: AQUABAC 400G
EPA Registration No. 62637-13

MANUFACTURER: BECKER MICROBIAL PRODUCTS, INC.
11146 N.W. 69th Place
Parkland, FL 33076 USA
EMERGENCY TELEPHONE NUMBERS: 954 345 9321

2. INGREDIENTS / IDENTITY INFORMATION

INGREDIENT NAME: Active Ingr.. - Bacillus thuringiensis, subsp. israelensis (Bt H-14)
CONCENTRATION: 5.72 % (Potency 400 ITU/Mg)
CAS/RTECS NUMBERS: N/A
OSHA-PEL: N/L
ACGIH-TLV: N/L

INGREDIENT NAME: Inert Ingredients – Non-Hazardous / Trade Secret
CONCENTRATION: 94.28 %

EEC (European Community): N/A
Symbol Designation: N/A
Risk Phrases: N/A
Safety Phrases: N/A

3. HAZARDS INFORMATION

EMERGENCY OVERVIEW: Product is non-toxic by ingestion, skin contact, or inhalation. Direct contact with eyes or skin may cause mild irritation.
ROUTE(S) OF ENTRY: Skin: No
Inhalation: No
Ingestion: No
SKIN CONTACT: Non-irritant
SKIN SENSITIZATION: N/D
EYE CONTACT: Non-irritant
TARGET ORGANS: N/D

CARCINOGENICITY RATING: NTP: N/L IARC: N/L OSHA: N/L ACGIH: N/L

SIGNS AND SYMPTOMS: Direct contact with eyes or skin may cause mild irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None expected.

4. FIRST AID MEASURES

EYES: Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.

SKIN: Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.

INGESTION: Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.

INHALATION: Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.

5. FIRE FIGHTING PROCEDURES

FLASH POINT: N/A

FLASH POINT METHOD: N/D

LOWER EXPLOSIVE LIMIT(%): N/D

UPPER EXPLOSIVE LIMIT(%): N/D

AUTOIGNITION TEMPERATURE: N/D

FIRE & EXPLOSION HAZARDS: Non-flammable; no explosive properties.

EXTINGUISHING MEDIA: Use appropriate medium for underlying cause of fire.

FIRE FIGHTING INSTRUCTIONS: Wear protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

SPILL OR RELEASE PROCEDURES: Recover product. Place into appropriate container for disposal. Avoid dust. Ventilate and wash spill area.

7. 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 location. Avoid temperatures above 85F/25C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use local exhaust.

RESPIRATORY PROTECTION: Not usually required. However, mixers/loaders and applicators not in enclosed cabs or aircraft must wear a dust/mist respirator meeting NIOSH standards of at least N-95, R-95 or P-95.

SKIN PROTECTION: Impervious gloves, clothing to minimize skin contact.

EYE PROTECTION: Not usually required. If necessary, use safety glasses or goggles.

OTHER PROTECTION: Wash thoroughly with soap and water after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE: Granular solid.

ODOR: Mild

BOILING POINT: N/A

MELTING/FREEZING POINT: N/A

VAPOR PRESSURE (mm Hg): N/A

VAPOR DENSITY (Air=1): N/A

EVAPORATION RATE: N/D

BULK DENSITY: 22 – 26 LBS / CU. FT.

SPECIFIC GRAVITY: N/D

SOLUBILITY: N/A

VISCOSITY: N/A

FLASH POINT: N/A

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable

INCOMPATIBILITIES: Alkaline environment may denature the active ingredient.

HAZARDOUS DECOMPOSITION PRODUCTS: N/D.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

ORAL LD50: LD50 (rat) > 5,000 mg/kg

DERMAL LD50: LD50 (rabbit) > 2,000 mg/kg

INHALATION LC50: The LC50 in 4-hr inhalation studies in rat was 25.1 mg/L

DERMAL & EYE IRRITATION: Non-irritating to rabbit eye or skin

DERMAL SENSITIZATION: Non-sensitizing in guinea pig studies

CORROSIVENESS: Non-corrosive

CARCINOGENICITY INFORMATION: Not listed

12. ECOLOGICAL INFORMATION: N/D

13. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with federal, state, and local regulations. Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

14. TRANSPORTATION INFORMATION

Not regulated for land, water, or air transportation

15. REGULATORY INFORMATION

TSCA STATUS: Exempt
CERCLA STATUS: N/D
SARA STATUS: N/D
RCRA STATUS: N/D
PROP 65 (CA): N/D

16. OTHER 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

REASON FOR ISSUE: Format update.

LEGEND: N/A = Not Applicable

N/D = Not Determined

N/L = Not Listed

L = Listed

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