

Sustain MBG Biological Larvicide

Active Ingredient:

*Equivalent to 400 International Toxic Units (ITU/mg) (0.182 Billion ITU/pound).

Potency units should not be used to adjust rates beyond those specified in the Directions for Use section. Note: The percent active ingredient does not indicate product performance and potency measurements are not federally standardized.

KEEP OUT OF REACH OF CHILDREN CAUTION

First Aid

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

If on skin or clothing: 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.

If in 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 treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: Caution. Harmful if inhaled or absorbed through skin. Avoid contact with skin or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Mixers/loaders and applicators not in enclosed cabs or aircraft must wear waterproof gloves and a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-905 or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

User Safety Recommendations: Users should wash hands before eating,

User Safety Recommendations: Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards: Do not contaminate water when disposing of equipment wash waters. Do not apply to treated, finished drinking water reservoirs or drinking water receptacles.

DIRECTIONS FOR USE

It is a violation of Federal law to apply this product in a manner inconsistent with its labeling.

Non-Agricultural Use Requirements

The requirements in this box apply to uses that are NOT within the scope of the Worker Protection Standard for agricultural pesticide (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep unprotected persons out of the treated area until sprays have dried.

AllPro Sustain MBG is a highly selective microbial insecticide effective against mosquitoes in a variety of habitats. Apply this product to any water sites except treated, finished water reservoirs or drinking water receptacles. This product can be applied to areas that contain aquatic life, fish and plants. This product can be applied to areas used by or in contact with humans, animals, horses, livestock, pets, birds or wildlife.

MOSQUITOES: Habitat	Rate Required for Control*
Pools, ponds, flood water, pastures, ditches, rice fields, brackish water, light to moderate populations	1.25 – 5 lbs/acre
Catch basins, tidal water, salt marshes, storm water detention areas, man- grove swamps, moderate pollution or organic content	5 – 8 lbs./acre

*Allow 24 hours for control. Under certain conditions, such as catch basins, sewage waste lagoons, high pollution or organic content, heavy vegetative cover and high mosquito populations, double the above application rates.

Specific Application Instructions

Apply 1.25 – 5 pounds of this product per acre with conventional aircraft or ground equipment. Use higher application rates in heavily polluted water, when mosquito populations are high, when larvae are nearly grown or in fourth instar, and when aquatic or covering vegetation is dense. Most treatments require not more than 5 pounds/acre. Apply only against mosquito larvae not pupae.

Avoiding spray drift at the application site is the responsibility of the applicator. The interactions of many equipment and weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

Do not apply this product through any type of irrigation system.

Storage and Disposal

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry place.

Pesticide Disposal: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

Container disposal: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or 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.

READ ENTIRE LABEL BEFORE USING

Read the entire Directions for Use, Conditions, Disclaimer of Warranties, and Limitation of Liability before using this product. By using this product User and Buyer accept the following Conditions and Disclaimer.

CONDITIONS: The Directions for Use of this product are believed to be adequate and should be followed carefully. However it is impossible to eliminate all risks associated with the use of this product. Injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Value Garden Supply. All such risks shall be assumed by the User or Buyer.

DISCLAMIER: Value Garden Supply warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in the Directions For Use, subject to the inherent risks referred to above. Value Garden Supply makes no other express or implied warranty of fitness or merchantability or any other express or implied warranty. To the extent provided by law Value Garden Supply shall not be liable for any consequential, special, or indirect damages resulting from the use, handling or application of this product.

EPA Reg. No. 769-992 EPA Est. No. 44616-MO-1 (a)

Distributed by: Value Garden Supply PO Box 585 St. Joseph, MO 64502 (952) 884-6477

NET CONTENTS: 40 LBS.

RM#12013



MATERIAL SAFETY DATA SHEET



SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: AllPro Sustain MBG

EPA REG. NUMBER: PRODUCT NUMBER:

MANUFACTURER: Value Garden Supply

769-992

ADDRESS: P.O. Box 585, St. Joseph, MO 64502

MANUFACTURER PHONE: (952) 884-6477

MANUFACTURER FAX PHONE: (952) 884-6149

EMERGENCY PHONE:

PRODUCT USE: Mosquito Larvicide

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS:</u> <u>CAS NO.</u> <u>% WT</u> <u>OSHA PEL</u> <u>ACGIH TLV</u>

Bacillus thuringiensis subsp. Israelensis Serotype H-14 N/A 5.71% NL NL

N/A = not applicable NE = not established NL= not listed

SECTION 3: HAZARDS IDENTIFICATION

Hazards to Humans and Domestic Animals: Harmful if inhaled or absorbed through skin. Avoid contact with skin or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Mixers/loaders and applicators not in enclosed cabs or aircraft must wear waterproof gloves and a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-905 or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

User safety recommendations: Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental hazards: Do not contaminate water with disposing of equipment wash waters. Do not apply to treated, finished drinking water reservoirs or drinking water receptacles.

SECTION 4: FIRST AID MEASURES

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center of doctor for treatment advice.

If on skin or clothing: 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.

If in 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 treatment advice.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: No known antidote.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: N/A
AUTOIGNITION TEMPERATURE: 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: NE

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SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SMALL SPILLS:. LARGE SPILLS: Collect material and place in a container for disposal. Dispose of material in accordance with federal, state, and local regulations.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Tightly re-close 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.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: NE

VENTILATION: NE

RESPIRATORY PROTECTION: Dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-905 or P-95.

EYE PROTECTION: NE

SKIN PROTECTION: Waterproof gloves.

WORK HYGIENIC PRACTICES: NE

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Granular solid VAPOR PRESSURE (mmHg): N/A

ODOR: NE VAPOR DENSITY (AIR =): N/A

PHYSICAL STATE: Solid

BOILING POINT: N/A **DENSITY:** 35-40 pounds/cubic foot

MELTING POINT: N/A pH: N/A

FREEZING POINT: N/A AUTO IGNITION: NE

WATER SOLUBILITY: Dissolves

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under ambient storage conditions.

INCOMPATIBILITY (MATERIAL TO AVOID): Do not expose to solutions with high alkalinity.

HAZARDOUS POLYMERIZATION: NE

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE ORAL EFFECTS: NE. The acute dermal LD50 in both male and female rats was greater than 5000-mg/kg body weight for the technical powder used in the formulation, indicating that the material is non-toxic by ingestion in single doses.

ACUTE DERMAL EFFECTS: NE. The acute dermal LD50 in both male and female rabbits was found to be greater than 2000 mg/kg body weight for the technical powder used in the formulation, indicating that the material is no more than slightly toxic by a single skin application.

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.

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INHALATION TOXICITY: NE. The LC50 in four-hour inhalation studies in rats was 25.1 mg/L (actual) of air, the maximum attainable concentration.

CORROSIVENESS: Non-corrosive.

CARCINOGENICITY: NTP - NL: IARC - NL: OSHA - NL: ACGIH - NL

SECTION 12: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Product Disposal: May be disposed of on site or at an approved waste disposal facility.

Container Disposal: Nonrefillable container. Do not reuse or refill container. Empty bags may be offered for recycling if available or disposed of in a sanitary landfill or incinerated or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

SECTION 13: TRANSPORT INFORMATION

*DOT HAZARD DESCRIPTION: Not regulated by DOT.

SECTION 14: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

SARA TITLE III:

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: NL

INDIVIDUAL STATES: NE

SECTION 15: OTHER INFORMATION

This information is provided in good faith, but without express or implied warranty. For additional information, refer to the American Conference of Governmental Industrial Hygienists (ACGIH) documentation of TLV's (Threshold Limit Values) for individual components and the DOT Emergency Response Guidebook.

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