



# MATERIAL SAFETY DATA SHEET



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**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

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**PRODUCT NAME:** AllPro Sustain MBG  
**EPA REG. NUMBER:** 769-992  
**PRODUCT NUMBER:**

**MANUFACTURER:** Value Garden Supply  
**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

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**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

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<u>INGREDIENTS:</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
<i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> Serotype H-14	N/A	5.71%	NL	NL

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

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**SECTION 3: HAZARDS IDENTIFICATION**

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**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.

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**SECTION 4: FIRST AID MEASURES**

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**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.

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

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**SECTION 5: FIRE-FIGHTING MEASURES**

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**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**

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**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.

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**SECTION 7: HANDLING AND STORAGE**

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**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.

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**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

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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**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

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**SECTION 10: STABILITY AND REACTIVITY**

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**STABILITY:** Stable under ambient storage conditions.

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

**HAZARDOUS POLYMERIZATION:** NE

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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**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

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## SECTION 12: DISPOSAL CONSIDERATIONS

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**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.

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## SECTION 13: TRANSPORT INFORMATION

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**\*DOT HAZARD DESCRIPTION:** Not regulated by DOT.

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## SECTION 14: REGULATORY INFORMATION

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### 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

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## SECTION 15: OTHER INFORMATION

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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.