



MATERIAL SAFETY DATA SHEET



SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: AllPro® Mole Cricket Bait
EPA REG. NUMBER: 769-679
PRODUCT NUMBER: 334250

MANUFACTURER: Value Garden Supply
ADDRESS: P.O. Box 585, St. Joseph, MO 64502

MANUFACTURER PHONE: (888) 603-1008
MANUFACTURER FAX PHONE: (952) 884-6149
EMERGENCY PHONE: (800) 858-7378

PRODUCT USE: For control of field crickets, mole crickets and other insects infesting golf course turf, warehouses, food processing plant sites, industrial plant sites, and manufacturing plant sites.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS*:</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>OSHA TWA</u>	<u>OSHA STEL</u>	<u>ACGIH TWA</u>	<u>ACGIH STEL</u>
Chlorpyrifos	2921-88-2	1.0	0.2 mg/m ³	NE	0.2 mg/m ³	NE

*All ingredients in quantities > 1.0 % (0.1 % for carcinogens or teratogens) that are potentially hazardous per OSHA definitions

N/A = not applicable NE = not established

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Potential health effects, irritating to the eyes, avoid prolonged skin contact or inhalation of mist.

POTENTIAL HEALTH EFFECTS: This material may be minimally irritating to the eyes and skin. Personnel responding to a spill of this material should avoid prolonged skin contact or inhalation of mist to prevent toxic effects (see Notes to Physician, in First Aid Section).

CARCINOGENICITY: N/A

SECTION 4: FIRST AID MEASURES

EYES: Flush eyes with plenty of water for 15 minutes. Call a physician if irritation persists.

SKIN: Remove contaminated clothing and wash with soap and water.

INGESTION: Call a Physician or Poison Control Center immediately. If possible, vomiting should be induced under medical supervision. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. DO NOT induce vomiting or give anything by mouth to an unconscious or convulsing person.

INHALATION: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: This product contains an active inhibitor of plasma cholinesterase, but only a moderate red blood cell cholinesterase inhibitor. Symptoms may be delayed by several hours after an acute exposure because chlorpyrifos requires metabolic activation to the more toxic oxon form. Measurement of blood cholinesterase activity may be useful in medical monitoring.



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SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABILITY CLASSIFICATION: None

FLASH POINT: N/A

AUTOIGNITION TEMPERATURE: N/E

EXTINGUISHING MEDIA: CO₂, dry chemical, foam If water is used it must not enter sewers

SPECIAL FIRE FIGHTING PROCEDURES: Use NIOSH/MSHA approved SCBA and bunker gear.

HAZARDOUS PRODUCTS OF COMBUSTION: hydrogen chloride, ethyl sulfide, nitrogen oxides, phosgene, and sulfur dioxide

UNUSUAL FIRE AND EXPLOSION HAZARDS: Decomposition products may be toxic.

NFPA HAZARD CLASSIFICATION:	<u>HEALTH</u> 1	<u>FIRE</u> 0	<u>REACTIVITY</u> 0	<u>SPECIFIC</u> N/A
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NFPA HAZARD RATING CODES:	<u>INSIGNIFICANT</u> 0	<u>SLIGHT</u> 1	<u>MODERATE</u> 2	<u>HIGH</u> 3	<u>EXTREME</u> 4
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SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up and place into plastic bags. Pesticide spray mixture or rinse water that can not be used according to label instructions must be disposed of in accordance with local, state, and Federal regulations.

OTHER PRECAUTIONS: For emergencies when vapors may be encountered use a full-face mask with respirator approved for organophosphate pesticides.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store in cool dry ventilated place. Store away from heat or open flame. Do not store near alkaline materials. Avoid excessive temperatures and direct sunlight. Store below 110°F.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: In typical applications no engineering controls should be needed.

RESPIRATORY PROTECTION: If industrial hygiene surveys show that occupational exposure limits may be exceeded, use NIOSH approved respirator with dust/mist cartridges.

EYE PROTECTION: Recommended to avoid splashing of material directly into eyes. Splash proof goggles suggested.

SKIN PROTECTION: Protective gloves recommended.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Light brown/tan

VAPOR PRESSURE (mmHg): NE

ODOR: Slight pungent, sour

VAPOR DENSITY (AIR =): NE

PHYSICAL STATE: Granules

SPECIFIC GRAVITY: NE

BOILING POINT: N/A

DENSITY: 29.6 lb/ft³

MELTING POINT: N/A

PARTICAL SIZE: N/A



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FREEZING POINT: NE

AUTO IGNITION: None

WATER SOLUBILITY: Emulsifies

OTHER SOLUBILITIES: N/A

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY (MATERIAL TO AVOID): Consult manufacturer on specific products. Avoid oxidizing materials.

HAZARDOUS POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION: Active ingredient will decompose above 160°C to volatile toxic, odorous, organic sulfides.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE ORAL EFFECTS: Rats, Oral, LD₅₀ = 5000mg/kg

ACUTE DERMAL EFFECTS: Rabbit, Dermal, LD₅₀ = 5000mg/kg

CARCINOGENICITY: None listed per OSHA, NTP or IARC

EYE EFFECTS: Pinpoint pupils, and blurred vision

NOTE TO COSUMERS: Information provided in this section is oriented to medical and public health professionals involved in the assessment and treatment of excessive and/or accidental exposures. Symptoms of excessive exposure may include headache, dizziness, incoordination, muscle twitching, tremors, nausea, abdominal cramps, diarrhea, salivation, tearing, and tightness in chest, excessive urination. There was no evidence of teratologic or reproductive effects in male & female rats fed 1.0 Mg/kg/day during three-generation reproduction & fertility study. Not a contact sensitizer

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: May be hazardous to aquatic invertebrates. Do not apply directly to water; do not contaminate water by cleaning of equipment or disposal of washwaters.

ENVIRONMENTAL FATE: Hydrolysis half-life at 20°C buffered solution was measured to be 53.0 days at pH 7.4. Koc values of 4381 to 6129 measured in four different soils with organic carbon content varying from 0.88% to 6.55%.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: This material (as packaged) is not considered a hazardous waste. Be aware that the waste owner has responsibility for final disposal. Regulations may also apply to empty containers, liners or rinsate. Laws may change or be reinterpreted; state and local regulations may be different from federal regulations. This information applies to materials as manufactured; contamination or processing may change waste characteristics and requirements.

SECTION 14: TRANSPORT INFORMATION

***DOT HAZARD DESCRIPTION:** Environmentally Hazardous Substances, solid, n.o.s. (chlorpyrifos), 9, UN 3077, PG III Marine Pollutant

(*) U.S Department of Transportation



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SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: N/A

EPA REGULATIONS: N/A

SARA 311/312 HAZARD CATEGORIES: N/A

CERCLA RQ: 1lb

SARA TPQ: 10,000 lbs.

INDIVIDUAL STATES: States such as Pennsylvania, New Jersey, California, Vermont, Massachusetts and Rhode Island may all have components of this product listed; consult specific state regulatory requirements for additional information.

SECTION 16: 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.