



## MATERIAL SAFETY DATA SHEET



### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** AllPro Permethrin ICG .5%

**EPA REG. NUMBER:** 192-222

**PRODUCT NUMBER:** 338510

**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:** Kills Grubs, Ants, Fleas, Brown Dog Ticks, Spiders, and Other Listed Insects

### 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>
Permethrin	52645-53-1	0.5%	N/A	NE	N/A	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

**POTENTIAL HEALTH EFFECTS:** Mildly irritating to the eyes, may cause skin irritation, slightly irritating to respiratory tract, may be harmful if swallowed.

**CARCINOGENICITY:** IARC, NTP and OSHA do not list as a carcinogen.

### SECTION 4: FIRST AID MEASURES

**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. 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 poison control center or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have Person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor

**IF INHALED:** Move Person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

### SECTION 5: FIRE-FIGHTING MEASURES

**FLASH POINT:** N/A

**AUTOIGNITION TEMPERATURE:** N/A

**EXTINGUISHING MEDIA:** Foam, carbon dioxide, dry chemical and water fog.

**SPECIAL FIRE FIGHTING PROCEDURES:** Evacuate area and fight fire upwind from a safe distance to avoid hazardous vapors and decomposition products. Dike and collect water used to fight fire to prevent environmental damage due to runoff. Foam or dry chemical fire extinguishing media are preferred to prevent environmental damage from excessive water runoff.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Can burn if fire. Irritating and toxic gasses may be generated by thermal decomposition or combustion.



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NFPA HAZARD CLASSIFICATION: HEALTH FIRE REACTIVITY SPECIFIC  
1 2 0 NE

NFPA HAZARD RATING CODES: INSIGNIFICANT SLIGHT MODERATE HIGH EXTREME  
0 1 2 3 4

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** **Small Spill:** Vacuum or sweep up material and place in container for reuse or disposal. **Large Spill:** Same as for small spill. After removal, flush and neutralize contaminated area with water and a dilute solution of soda ash or bleach. Pick up wash liquid with absorbent and place in chemical waste container for disposal.

**CONTAINMENT:** This material is a water pollutant and should be prevented from entering sewage and drainage systems and bodies of water.

**REGULATORY REQUIREMENTS:** N/A

### SECTION 7: HANDLING AND STORAGE

**HANDLING AND STORAGE:** **Storage:** Store product in its original, labeled container in a cool, dry locked storage area out of reach of children. **Handling:** Use only in a well ventilated area.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Ventilation is normally required when handling or using this product to keep exposure to airborne contaminants below the exposure limit. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**VENTILATION:** General

**RESPIRATORY PROTECTION:** When handling in enclosed areas where exposure limits may be exceeded, use a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

**EYE PROTECTION:** Safety glasses.

**SKIN PROTECTION:** Avoid Contact. Suitable protective clothing should be worn in confined or overhead areas to prevent exposure to eyes and skin. The use of gloves and footwear, a long-sleeved shirt and long pants or coveralls are recommended.

**OTHER PRACTICES:** Wash thoroughly after handling. Remove and wash clothing before reuse. Food utensils such as teaspoons or measuring cups should not be used for food purposes after use with insecticides.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Gray

**VAPOR PRESSURE (mmHg):** Negligible

**ODOR:** No appreciable odor

**BULK DENSITY:** 27 – 32lbs/cu. Ft.

**PHYSICAL STATE:** Granule

**SPECIFIC GRAVITY:** NE

**BOILING POINT:** N/A

**pH:** 5.2

**MELTING POINT:** N/A

**MOLECULAR FORMULA (Technical):** c21 h20 c12 O3

**FREEZING POINT:** NE

**AUTO IGNITION:** N/A

**WATER SOLUBILITY:** 0.2 mg/L at 20°C

**MOLECULAR WEIGHT (Technical):** 391.3



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### SECTION 10: STABILITY AND REACTIVITY

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**STABILITY:** Stable, however, may decompose if heated.

**INCOMPATIBILITY (MATERIAL TO AVOID):** N/A

**HAZARDOUS POLYMERIZATION:** Will not occur

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### SECTION 11: TOXICOLOGICAL INFORMATION

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**ACUTE ORAL EFFECTS:** Oral LD<sub>50</sub> (Rat) > 5,000 mg/Kg

**ACUTE DERMAL EFFECTS:** Dermal LD<sub>50</sub> (Rat) > 2,000 mg/Kg

**CARCINOGENICITY:** IARC, NTP and OSHA do not list as a carcinogen.

**EYE EFFECTS:** Avoid Contact

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### SECTION 12: ECOLOGICAL INFORMATION

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**ECOTOXICITY:** This product is extremely toxic to fish and aquatic invertebrates. It is moderately toxic to birds and other wildlife. Do not apply directly to water or to areas where surface water is present. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwaters.

**ENVIRONMENTAL FATE: Fish Toxicity: (Technical)** 96 hour LC<sub>50</sub>, Rainbow trout – 2.5 ug/L 96 hour LC<sub>50</sub>, Bluegill – 1.8 ug/L **Avian Toxicity: (Technical)** Oral LD<sub>50</sub>, Japanese Quail - > 13,500 mg/Kg **Bee Toxicity:** Highly toxic

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### SECTION 13: DISPOSAL CONSIDERATIONS

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**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.

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### SECTION 14: TRANSPORT INFORMATION

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**\*DOT HAZARD DESCRIPTION:** Agricultural Insecticide, Solid, N.O.I.B.N.

(\*) U.S Department of Transportation

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### SECTION 15: REGULATORY INFORMATION

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**FIFRA:** All pesticides are governed by the Federal Insecticide, Fungicide and Rodenticide Act. The regulatory information presented below is pertinent only when this product is handled outside of the normal use and application as a pesticide.

**OSHA:** Regulated

**CERCLA:** N/A

**SARA TITLE III STATUS:**

302 Extremely Hazardous Substance - No

311/312 Hazard Categories – Immediate

313 Toxic Chemicals – Permethrin (52645-53-1)

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### SECTION 16: 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.