



MATERIAL SAFETY DATA SHEET



SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Gardener's Choice Rose & Flower Insect Killer
EPA REG. NUMBER: 192-198
PRODUCT NUMBER: 90181

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: Controls Whiteflies, Aphids, Spider & Red Mites, Lacebugs and other 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	0.25%	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: >195°F (TCC)

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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HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE ORAL EFFECTS: Oral LD₅₀ (Rat) > 5,000 mg/Kg

ACUTE DERMAL EFFECTS: Dermal LD₅₀ (Rat) > 2,000 mg/Kg

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

EYE EFFECTS: Avoid Contact

SECTION 12: ECOLOGICAL INFORMATION

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 LC₅₀, Rainbow trout – 2.5 ug/L 96 hour LC₅₀, Bluegill – 1.8 ug/L **Avian Toxicity: (Technical)** Oral LD₅₀, Japanese Quail - > 13,500 mg/Kg **Bee Toxicity:** Highly toxic

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:** Agricultural Insecticide, Solid, N.O.I.B.N.

(*) U.S Department of Transportation

SECTION 15: REGULATORY INFORMATION

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)

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.
