



MATERIAL SAFETY DATA SHEET



SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Gardener's Choice House Plant Insect Killer
EPA REG. NUMBER: 192-163
PRODUCT NUMBER: 90511

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 Aphids, Thrips, Whiteflies and other insects. Fast acting. Ready to Use.

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>
pyrethrins	8003-34-7	0.02	5 mg/m ^{3(**)}	NE	5 mg/m ^{3(**)}	NE
piperonyl butoxide, technical	51-03-6	0.20	NE	NE	NE	NE
proprietary petroleum hydrocarbon -	-	<1.0	NE	NE	NE	NE

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

** as pyrethrum

N/A = not applicable NE = not established

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Potential Health Effects

POTENTIAL HEALTH EFFECTS: This material may be moderately irritating to the eyes and skin, and inhalation may result in a runny nose and scratchy throat. Personnel responding to a spill of this material would likely encounter no other substantial hazards.

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.

NOTES TO PHYSICIAN: The minimum lethal dose is in the range of 10 to 100 grams.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: N/A

AUTOIGNITION TEMPERATURE: N/A

EXTINGUISHING MEDIA: water spray, dry chemical, foam or CO₂



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

NFPA HAZARD CLASSIFICATION:	<u>HEALTH</u> 1	<u>FIRE</u> 0	<u>REACTIVITY</u> 0	<u>SPECIFIC</u> NE
NFPA HAZARD RATING CODES:	<u>INSIGNIFICANT</u> 0	<u>SLIGHT</u> 1	<u>MODERATE</u> 2	<u>HIGH</u> 3 <u>EXTREME</u> 4

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spill with sorbent and transfer into containers for proper disposal (See Disposal Comments in Section 13). Clean area with detergent and water.

REGULATORY REQUIREMENTS: N/A

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Stored in well-closed, upright containers in a cool place, out of reach of children. Do not contaminate water, food or feed by storage or disposal. Do not reuse container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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

VENTILATION: General

RESPIRATORY PROTECTION: None likely to be needed. Avoid breathing spray mists. Treated confined areas should be ventilated during and immediately following application before the areas are re-occupied.

EYE PROTECTION: Avoid Contact, recommended to avoid splashing of material directly into eyes

SKIN PROTECTION: Avoid Contact. Protective gloves (nitrile) recommended.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Cloudy milky color	VAPOR PRESSURE (mmHg): NE
ODOR: Mild Petroleum Odor	VAPOR DENSITY (AIR =): NE
PHYSICAL STATE: Liquid	SPECIFIC GRAVITY: 0.998
BOILING POINT: 212°F	pH: 6.0+/-0.5
MELTING POINT: N/A	PARTICULAR SIZE: N/A
FREEZING POINT: NE	AUTO IGNITION: N/A
WATER SOLUBILITY: Emulsifies	OTHER SOLUBILITIES: NE

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY (MATERIAL TO AVOID): Concentrated mineral supplements (fertilizers), strong oxidizers, acids, avoid heat

HAZARDOUS POLYMERIZATION: Will not occur



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SECTION 11: TOXICOLOGICAL INFORMATION

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

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

INHALATION: Inhalation LC₅₀ = >5,000 mg/m³

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

EYE EFFECTS: Avoid Contact

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: NE

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:** N/A

(*) U.S Department of Transportation

SECTION 15: REGULATORY INFORMATION

CERCLA RQ: 1 lb.

SARA TPQ: 10,000 lbs.

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.
