



MATERIAL SAFETY DATA SHEET



SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Predator 5G (5% Carbaryl Turf and Perimeter Granules)
EPA REG. NUMBER: 769-728
PRODUCT NUMBER: 338300, 338310

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: Multi-purpose turf and perimeter granules. Controls Grubs, Armyworms, Mole Crickets and more.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS*:</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>OSHA TLV</u>	<u>OSHA PEL</u>	<u>ACGIH TWA</u>	<u>ACGIH STEL</u>
Carbaryl	63-25-2	5	5 mg/m ₃	5 mg/m ₃	N/A	N/A
Inert	N/A	95.0	N/A	N/A	N/A	N/A

* 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: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Light Brown Granules	VAPOR PRESSURE (mmHg): N/A
ODOR: No odor	VAPOR DENSITY (AIR =): N/A
PHYSICAL STATE: solid	SPECIFIC GRAVITY: 1.23
BOILING POINT: N/A	DENSITY: NE
MELTING POINT: N/A	PARTICAL SIZE: N/A
FREEZING POINT: N/A	PERCENT VOLATILE BY VOLUME: N/A
WATER SOLUBILITY: Disperses	OTHER SOLUBILITIES: N/A

SECTION 4: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR: N/A

FLASH POINT: 350°F

AUTOIGNITION TEMPERATURE: N/A

EXTINGUISHING MEDIA: CO₂ or dry chemical on small fires. Water or foam on large fires.

SPECIAL FIRE FIGHTING PROCEDURES: Wear protective clothing over entire body. Wear self contained breathing apparatus. Employees and local residents: Evacuate residents who are downwind of fire. Prevent unauthorized entry of fire area.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Avoid dispersion of dust in air to reduce potential explosion hazard.



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NFPA HAZARD CLASSIFICATION:	<u>HEALTH</u> 2	<u>FIRE</u> 1	<u>REACTIVITY</u> 0	<u>SPECIFIC</u> N/A	
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 5: STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY (MATERIAL TO AVOID): Avoid contact with acids or alkalis. Thermal decomposition or burning may produce nitrogen oxides, carbon monoxide, and/or carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 6: HEALTH HAZARDS

ACUTE OVEREXPOSURE EFFECTS: Causes headache, nausea, vomiting, sweating, abdominal cramps, and pinpoint pupils. Carbaryl is a short-acting anticholinesterase agent. Skin contact may result in irritation, skin sensitization, and systemic intoxication.

CHRONIC OVEREXPOSURE EFFECTS: Carbaryl has been found to be teratogenic in guinea pigs and beagle dogs. Inhalation of talc dust may permanently damage the lungs and result in the development pneumoconiosis, silicosis, or other respiratory disorders.

CARCINOGENICITY: Non listed per OSHA, NTP, or IARC.

EYE EFFECTS: Pinpoint pupils.

EMERGENCY AND FIRST AID PROCEDURES

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.

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. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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. Do not give anything by mouth to an unconscious person.

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

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Carbaryl is an N-methylcarbamate that inhibits cholinesterase. Atropine is antidotal. Do not use 2-PAM, opiates or cholinesterase inhibiting drugs.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Cover with sweeping compound and sweep up with as little dusting as possible. Put sweeping in a waste receptacle. Flush area with water. Clean up of spill may require personal protective equipment to prevent inhalation and eye or skin contact.

CONTAINMENT: Monitor water runoff; dike around surrounding area.

REGULATORY REQUIREMENTS: N/A

WASTE DISPOSAL METHOD: Bury in a landfill. Mix with equal amounts of quicklime when burying or wet thoroughly with strong caustic soda before covering with soil. Dispose of in accordance with Federal, state and local regulations.



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: General or local exhaust to maintain exposure below TLV/PEL.

RESPIRATORY PROTECTION: NIOSH/MSHA approved for protection against pesticide dusts.

EYE PROTECTION: Safety Goggles

SKIN PROTECTION: Neoprene or nitrile gloves, Neoprene rubber boots, long sleeved coveralls, and hat.

WORK HYGIENIC PRACTICES: Avoid smoking, drinking, or eating while fire fighting so as not to ingest toxic substances.

SECTION 9: OTHER INFORMATION

***DOT HAZARD DESCRIPTION:** N/A

SHIPPING NAME: Insecticide Dry, O/T Agricultural, N.O.I.B.N

SARA HAZARD CLASSES: Acute, Chronic

SARA 313: (TPQ) Yes

CERCLA RQ: 100

RCRA: Yes

(*) U.S Department of Transportation

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.