



MATERIAL SAFETY DATA SHEET

Date stamp: 29-Sep-2006

MSDS Ref. No.: 046251020

Revision Number: 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: ORTHO® Bug-Geta® Plus Snail, Slug & Insect Killer
Description: Molluscicide, Insecticide

Company
The Scotts Company
14111 Scottslawn Road
Marysville, OH 43041

24-HOUR EMERGENCY TELEPHONE NUMBERS:
CHEMTREC (U.S.): 1-800-424-9300
CHEMTREC (International): 1-703-527-3887
Non-Emergency Calls: 1-937-644-0011

EPA Registration No.: 239-2514
Formula No.: S5506

2. HAZARDS IDENTIFICATION

Labelling

Signal word: CAUTION

Precautionary Statement

Causes eye irritation. May be harmful if swallowed. Avoid contact with eyes, skin, and clothing. Avoid breathing dust. Wash with soap and water after handling. May be fatal to dogs or other pets if eaten. Keep out of reach of children and domestic animals.

Potential health effects

Eye contact: Irritating to eyes.

Skin contact: Irritation not expected.

Ingestion: Harmful if swallowed. Symptoms may be delayed several hours following ingestion, but may not be limited to salivation, elevated body temperature, mental confusion, facial muscle cramps, loss of consciousness, convulsions, and coma. Cyanosis and respiratory failure precede death. Non-fatal poisoning can result in kidney and liver damage and memory loss. Recovery may occur in several weeks.

Inhalation: Considered practically non-toxic. May cause irritation of respiratory tract.

Aggravated Medical Conditions: Inhalation may aggravate asthma.

Principle routes of exposure: Skin, Eyes, Inhalation, Ingestion

Target organ effects: Irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	Weight %
Carbaryl	63-25-2	5
Metaldehyde	108-62-3	2
Almond Shells	No CAS#	60-100
Inert Ingredients	PROPRIETARY	93

Comments: Contains Bitrex® as a bittering agent.

4. FIRST AID MEASURES

Eye contact: Hold eye open and rins 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

Skin contact: 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

Ingestion: 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person

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

5. FIRE-FIGHTING MEASURES

Flammable properties: May burn under fire conditions.
Suitable extinguishing media: Water spray, carbon dioxide, dry chemical, chemical foam.
Explosion potential: Unlikely.
Explosive properties: No information available.
Hazardous combustion products: Toxic fumes may be produced.
Fire fighting procedures: Select appropriate method to surround and extinguish fire.
Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear personal protective equipment
Environmental precautions: Prevent product from entering drains
Methods for containment: Clean up promptly by sweeping or vacuum.
Methods for cleaning up: Detergent and water.

7. HANDLING AND STORAGE

Handling: Avoid container breakage. Avoid inhalation or contact with skin, eyes, or clothing.
Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from heat or open flame. Avoid contamination of feed and foodstuffs.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components	ACGIH:	OSHA:
Metaldehyde	Not Listed	Not Listed
Carbaryl	5 mg/m ³ TWA	5 mg/m ³ TWA
Almond Shells	Not Listed	Not Listed

Engineering controls Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard

Personal Protective Equipment
Eye/face protection: Eye/face protection is not required, but is recommended in manufacturing situations where contact may occur. Safety glasses with side shields or goggles.
Skin and body protection: Wear suitable protective clothing if contact is anticipated during manufacturing. Chemical resistant gloves.
Respiratory protection: If airborne levels are high or product does not remain intact, use a combination of engineering controls (e.g. ventilation) and personal protection, e.g., NIOSH/MSHA approved respirator for dusts, mists, and fumes.

General hygiene considerations: Wash hands before breaks and immediately after handling the product

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid
Color: Brown
Density: 27-33 lbs/cu.ft.
Appearance: Pellets
Solubility: No information available
Flash point: Not applicable

10. STABILITY AND REACTIVITY

Chemically Stable: Yes
Conditions to avoid: Damp or wet conditions. Extreme heat.
Materials to avoid: Acids.
Hazardous decomposition products: Toxic fumes and gases may be generated.
Possibility of hazardous reactions: Poses little or no immediate hazard.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD50/oral: 2.5-6.9 g/kg, rat

LD50/dermal: >5.0 g/kg, rabbit
LC50/inhalation: No information available
Eye effects: Moderate eye irritation, rabbit
Skin effects: Non-irritating to the skin, rabbit
Sensitization: No sensitization, guinea pig

Chronic toxicity

Carcinogenic effects: The table below indicates whether each agency has listed any ingredient as a carcinogen.

Components	NTP:	IARC:	OSHA:
Metaldehyde	Not listed	Not listed	Not listed
Carbaryl	Not listed	3	Not listed
Almond Shells	Not listed	Not listed	Not listed

Ingestion: Ingestion may cause irritation to mucous membranes.
Inhalation: May cause irritation of respiratory tract.
Target organ effects: Irritation.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects: No data available.
Persistence and degradability: Inherently biodegradable.
Bioaccumulative potential: Does not bioaccumulate.
Mobility: Water contaminating.
Aquatic toxicity: No information available.
Additional ecological information: Do not contaminate water sources when disposing of equipment washwaters. Do not apply directly to lakes, streams, or ponds.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Read and follow label instructions. If partially filled, call the local solid waste agency or 1-800-CLEANUP for disposal instructions. Do not place product down any indoor or outdoor drain.
Contaminated packaging: Read and follow label instructions. If empty, place in trash or offer for recycling if available. Do not re-use empty containers.

14. TRANSPORT INFORMATION

The description shown may not apply to all situations. Consult 49 CFR, or appropriate dangerous goods regulations for additional description requirements (e.g. technical name) and mode-specific or quantity-specific shipping requirements.

DOT
Proper shipping name: Not DOT regulated

15. REGULATORY INFORMATION

Components	CAS-No	CERCLA/SARA 313	CERCLA/SARA 302
Metaldehyde	108-62-3	Not Listed	Not Listed
Carbaryl	63-25-2	100 lb final RQ 45.4 kg final RQ	Not Listed
Almond Shells	No CAS#	Not Listed	Not Listed

General Information Contact local authorities for disposal of large quantities of product

16. OTHER INFORMATION

NFPA: Health: 1 Flammability: 1 Reactivity: 0
HMIS: Health: 1 Flammability: 1 Reactivity: 0
Hazard Rating: 0=Least; 1-Slight; 2=Moderate; 3=High; 4=Severe

EPA FIFRA Comment: Use of this product is regulated by the U.S. Environmental Protection Agency (EPA) through the approved product label. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

General comment: This document contains health, safety, and environmental information useful to emergency response agencies, health care providers, manufacturers, and workers/employees. It does not replace the precautionary language, use directions, or the storage and disposal information found on the product label.

Additional Information: This information contained herein is, to the best of Scott's knowledge and belief, accurate and reliable as of the date of preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and Scotts shall not be liable for any loss or damage arising out of the use thereof. No authorization is given or implied to use any patented invention without a license. In addition, Scotts shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.