

# Material Safety Data Sheet

Product Name: Gordon's Mole and Gopher Killer Poison Pellets

MSDS No.: 517-5

Version No.: 012

EPA Registration No.: 12455-30-33955

## 1. Basic Information:

**Manufacturer:** PBI/Gordon Corporation  
**Address:** 1217 West 12th Street  
**City, State Zip:** Kansas City, MO 64101-1407  
**Information Contact:** Environmental, Health, & Safety Dept.  
**Information Telephone Number:** (816)421-4070  
**Emergency Contact:** Chemtrec  
**Emergency Telephone Number:** (800)424-9300



1	Health
1	Flammability
0	Reactivity
B	Pers. Protection

Last Update: 11/16/2009

Chemical State: ☐ Liquid ☐ Gas ☒ Solid  
 Chemical Type: ☐ Pure ☒ Mixture

## 2. Ingredients:

☐ Trade Secret (ND = Not Disclosed)

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SUB Z	SARA 313	OSHA PEL	ACGIH TLV	Other Limits
1314847	Zinc phosphide	2.00%	Y	N	N	N	N	NI	NI	NI

## 3. Hazardous Identification:

Hazard Category:

☒ Acute ☐ Chronic ☐ Fire ☐ Pressure ☐ Reactive

Hazardous Identification Information:

Pellets; garlic odor.

Contact may cause irritation and burning. Overexposure by inhalation may cause pulmonary edema. Swallowing may be harmful or fatal.

## 4. First Aid Measures:

Route(s) of Entry:

Contact, inhalation, ingestion.

Health Hazards (Acute and Chronic):

EYES: Contact may cause irritation and burning.

SKIN: Contact may cause irritation and burning.

INHALATION: Irritating to respiratory tract. Overexposure by inhalation may induce pulmonary edema; may be harmful or fatal.

INGESTION: May be harmful or fatal; may cause nausea, vomiting, chills and coughing, abdominal pain, tightness in chest.

Signs and Symptoms:

Overexposure may cause nausea, vomiting, excitement, chills, chest tightness. Cough may progress to pulmonary edema.

Medical Conditions Generally Aggravated by Exposure:  
NI

Emergency First Aid Procedure:

If swallowed:

--Call a poison control center or doctor immediately for treatment advice or transport the patient to the nearest hospital.

--Do not drink water.

--Do not administer anything by mouth or induce vomiting unless told to do so by the poison control center or doctor.

If on skin

--Take off contaminated clothing.

## First Aid Measures (Continued)

or clothing:

--Rinse skin immediately with plenty of water for 15-20 minutes.

--Call a poison control center or doctor immediately for treatment advice.

If inhaled:

--Move person to fresh air.

--If person is not breathing, call an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

--Call a poison control center or doctor immediately for treatment advice.

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 eyes.

--Call a poison control center or doctor immediately for treatment advice.

Other Health Warnings:

Have label with you when obtaining treatment advice.

Any persons applying zinc phosphide products and experiencing signs and symptoms such as nausea, abdominal pain, tightness in the chest, or weakness, should be seen by a physician immediately.

## 5. Fire Fighting Measures:

Flash Point: NI

F.P. Method:

Lower Explosive Limit: NI

Upper Explosive Limit: NI

Fire Extinguishing Media:

Foam, CO<sub>2</sub>, water.

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and full protective clothing. Prevent contamination of surface water by fire-control runoff. If contamination should occur, contact local agency.

Unusual Fire and Explosion:

Phosphine gas may be liberated if the product comes in contact with acids.

## 6. Accidental Release Measures:

# Material Safety Data Sheet

**Product Name: Gordon's Mole and Gopher Killer Poison Pellets****MSDS No.:** 517-5**Version No.:** 012**EPA Registration No.:** 12455-30-33955**Accidental Release Measures (Continued)****Steps to be Taken in Case Material is Released or Spilled:**

See Section 8 for Personal Protective Equipment. Do not touch spilled material. Avoid inhaling dust. Collect into drums for reuse or disposal. Cover and label the drums.

**7. Handling and Storage:****Precautions to be Taken:**

Store in a well-ventilated, locked area, inaccessible to children and pets. Keep from food, feed and other chemical or agricultural products. Avoid contact with acids; phosphine gas may be liberated.

**Other Precautions:****STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**STORAGE:** Store only in original container, in a cool, dry place inaccessible to children and pets. Keep containers closed and away from other chemicals.

**DISPOSAL:** If empty: Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

If partially filled: Place in trash or call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**8. Exposure Controls/Personal Protection:****Ventilation Requirements:**

NI. Product is to be applied outdoors only.

**Personal Protective Equipment:**

**PROTECTIVE CLOTHING:** Wear long sleeves and pants; chemical-resistant gloves and shoes with socks.

**EYE PROTECTION:** Safety glasses with side shields or safety goggles.

**RESPIRATORY PROTECTION:** If exposure limits may be exceeded, wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE filter.

**9. Physical and Chemical Properties:****Boiling Point:** NI**Melting Point:** NI**Evaporation Rate (Butyl Acetate = 1):** NI**Vapor Pressure (mm Hg.):** NI**Vapor Density (Air = 1):** NI**Specific Gravity (H<sub>2</sub>O = 1):** 0.00000**Solubility in Water:** Insoluble.**Appearance and Odor:** Pellets; garlic odor.**Other Information:**

NI

**10. Stability and Reactivity:****Stability:**

Stable.

**Incompatibility (Materials to Avoid):**

Oxidizing agents and acids.

**Decomposition/By-Products:**

Phosphine gas.

**Hazardous Polymerization:**

Will not occur.

**11. Toxicological Information:****Toxicological Information (Continued)**

No toxicological data available.

**12. Ecological Information:****ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds and other wildlife. Do not apply this product directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark.

**13. Disposal Considerations:****DISPOSAL:**

If empty: Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

If partially filled: Place in trash or call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**14. Transport Information:****Freight Class:** PESTICIDES, NOI / NMFC No. 155050-6

In our current available sizes, this product is not considered a Hazardous Material.

**15. Regulatory Information:**

**OSHA STATUS:** This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

**TSCA STATUS:** This product is exempt from TSCA Regulation under FIFRA Section 3(2)(B)(ii) when used as a pesticide.

**CERCLA REPORTABLE QUANTITY:** 5000 pounds of the formulation which contains 100 pounds of Zinc Phosphide

**SARA TITLE III:**

**SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES:** Zinc Phosphide CAS# 1314-84-7

**SECTION 311/312 HAZARD CATEGORIES:** Immediate Health Hazard, Delayed Health Hazard

**SECTION 313 TOXIC CHEMICALS:** Zinc Compounds N982

**RCRA STATUS:** When discarded in its purchased form, this product is a listed RCRA hazardous waste and should be managed as a hazardous waste. (40 CFR Part 261.20-24)

**16. Other Information:**

**REASON FOR ISSUE:** General revision of the MSDS in the ANSI Z400.1-1998 format

**NOTE:** NI means not indicated.

The information and statements in this Material Safety Data Sheet are believed to accurately reflect the scientific evidence used in making the hazard determination, but is not to be construed as a warranty or representation for which we assume legal responsibility. Additional information may be necessary or desirable depending on particular, exceptional or variable conditions or circumstances of use or storage or because of locally applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information available to you and must make independent determinations of the suitability of the information for your particular circumstances or conditions and of the completeness of the information available from all sources to assure both the proper use of the material described herein

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Other Information (Continued)

and the safety and health of employees.