



Petersen Seeds, Inc.
204 S. Elm Street
Gordon, NE 69343

During Business Hours:

308-282-2413 or 308-282-1523

After business hours for emergencies which
can't wait until following day:

308-282-1456

SECTION NO. 1
CHEMICAL PRODUCT & COMPANY IDENTIFICATION

COMPANY IDENTIFICATION:

PETERSEN SEEDS, INC.
204 S. ELM STREET
GORDON, NE 69343
EIN: 47-0629723

PRODUCT IDENTIFICATION

PETERSEN'S POCKET GOPHER KILLER I EPA Registration No. 10031-1

Description	Hazard Rating	Scale
<i>Chemical Name:</i> Strychnine	Oral Toxicity 4	4 = EXTREME
Alkaloid	Dermal Toxicity 0	3 = HIGH
<i>Chemical Family</i> Strychnos	Fire 0	2 = MODERATE
<i>Imperical</i>	Reactivity 0	1 = SLIGHT
<i>Formula:</i> $C_{21}H_{22}N_2O_2$	Special. See Label	0 = INSIGNIFICANT
<i>Common Name:</i> Strychnine		
<i>Trade Names:</i> Strychnine		

SECTION NO. 2
COMPOSITION, INFORMATION OR INGREDIENTS

HAZARDOUS INGREDIENTS:

Strychnine Alkaloid ($C_{21}H_{22}N_2O_2$) CAS No. 57-24-9 0.50% by weight

SECTION NO. 3
HAZARD IDENTIFICATION

HEALTH EFFECTS UPON EXPOSURE:

Convulsive poison. Strychninism - early symptoms are convulsions affecting the legs and arms with short periods of uncontrolled stiffening of the legs and arms.

Acute Date	Carcinogenicity	Reproductive Effects	Target Organ Effects
	None	None	Central Nervous System

PHYSICAL APPEARANCE:

Orange-brown whole milo kernels 1/16" diameter. Slight pungent odor.

POTENTIAL HEALTH EFFECTS AND SYMPTOMS ASSOCIATED WITH EXPOSURE:

If breathing dust or ingesting material, a unique bitter flavor sensation will be noticed.
Continued exposure affects the central nervous system.

SECTION NO. 4
FIRST AID MEASURES

If swallowed:

Call a physician or poison control center immediately. Do not induce vomiting or give anything by mouth to an unconscious person. If less than ten minutes have passed since the poison was taken, give one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Have patient lie down in quiet darkened room and keep him warm and quiet.

If inhaled:

Remove victim to fresh air. Apply artificial respiration if indicated.

If on Skin:

Wash affected areas with soap and water.

If in Eyes:

Flush eyes with plenty of water. Get medical attention if irritation persists.

If in Contact with Body:

This bait may cause an allergic reaction; wear rubber gloves and long sleeved adequate protective clothing when handling. "DO NOT GET IN EYES, ON SKIN OR ON CLOTHING." Wash arms, hands, and face with germicidal soap and water after using and before eating or accepting anything by mouth or smoking.

NOTE TO PHYSICIAN: Administer 100% oxygen by positive pressure to provide as much pulmonary gas exchange as possible, despite seizures. Administer ANTICONVULSANT DRUGS intravenously to control convulsions. CAUTION: It may be difficult or impossible to stop seizure activity without stopping respiration. Be prepared to maintain pulmonary ventilation mechanically. Tracheotomy may be necessary if seizures are prolonged.

SECTION NO. 5 FIRE-FIGHTING MEASURES

FIRE AND EXPLOSIVE PROPERTIES:

Material is non-explosive; non-flammable; gives off toxic fumes.

EXTINGUISHING ITEMS AND GENERAL FIRE-FIGHTING INSTRUCTIONS:

Use extinguishing media and protective gear appropriate for surrounding fire.

SECTION NO. 6 ACCIDENTAL RELEASE MEASURES

RESPONDING ACTION ON MATERIAL SPILL:

Collect spilled material. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. Do not allow bait to be exposed on soil surface. Do not contaminate water by cleaning of equipment or disposal of waste. Sweep up all of spilled bait carefully and bury. Vacuum clean with water trap or absorbent tissues while wearing gloves. Dispose of water or tissue as stated below.

PROTECTIVE EQUIPMENT SUGGESTED:

Gloves, dust mask and protective eye glasses.

WASTE DISPOSAL METHOD:

Wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixtures, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact the state pesticide or environmental control agency where the hazardous waste representative at the nearest EPA control agency or the hazardous waste representative at the nearest EPA regional office for guidance. Waste resulting from the use of this product may be disposed of on site or at an approved disposal facility.

SECTION NO. 7
HANDLING AND STORAGE

RECOMMENDED HANDLING AND STORAGE:

1. Do not breathe dust. If in a protected area or building wear a dust mask and gloves. Do not touch bait with bare hands. Protective eye glasses are recommended. Wash thoroughly with soap and water before eating or smoking.
2. Store only in original container, in a dry place inaccessible to children, pets, and domestic animals.

AVOIDING OVEREXPOSURE:

Do not handle bait where there is not good ventilation and air movement without wearing a dust mask, gloves and protective eye glasses.

HYGIENE INSTRUCTIONS TO PREVENT EXPOSURE:

1. Wash thoroughly with soap and water before eating or smoking.
2. Use clean clothing daily.

SECTION NO. 8
EXPOSURE CONTROLS AND PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (EYE/SKIN/RESPIRATORY):

Dust mask, gloves and protective eye glasses.

SECTION NO. 9
PHYSICAL AND CHEMICAL PROPERTIES

Property	Physical/Chemical
Odor:	Slight pungent odor
Physical State:	Orange-brown whole milo kernels 1/16" diameter.
Vapor Pressure:	n/a
Vapor Density:	n/a
Boiling Point:	n/a
Freezing/Melting Point:	n/a
Solubility in Water:	yes
Specific Gravity or Density:	n/a

SECTION NO. 10
STABILITY AND REACTIVITY

STABILITY:

Stable.

CONDITIONS TO AVOID:

Spilling and heating.

INCOMPATIBILITY OF OTHER MATERIALS:

Compatible with most materials.

HAZARDOUS DECOMPOSITION AND POLYMERIZATION:

Only when heated; polymerization may occur.

SECTION NO. 11
ECOLOGICAL INFORMATION

ENVIRONMENTAL IMPACT IF RELEASED INTO ENVIRONMENT:

1. Toxic to wildlife, do not contaminate water.
2. Sweep area clean and dispose of seeds according to label instructions or by burial in a safe place away from water supplies or contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

SECTION NO. 12
DISPOSAL CONSIDERATIONS:

Container Disposal:

Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by State and local authorities.

SECTION NO. 13
TRANSPORT INFORMATION

SHIPPING INFORMATION:

Product	Concentration	Estimated LD50	Type
Grain Baits	.5%	440 mg/kg*	Acute Oral

* Based on Acute Oral LDSO of 2.2 mg/kg in female rats (Cerven, D., 1988, Strychnine Alkaloid Technical, Single Dose Oral Toxicity in Rats/LDSO in Rats, Report, MB Research Laboratories, GRN 81-1, 24 pp).

Code of Federal Reg. 49, (10-1-94 Edition) Part 173.132.

SHIPPING INSTRUCTIONS:

1. Put bag in a sturdy dustproof container of corrugated construction or wood or metal with no object protruding inside that may puncture the bag. If the container is larger than the bag, packing should be used to prevent the bag from chaffing due to friction by movement inside the container.

SECTION NO. 14
REGULATORY INFORMATION

REGULATORY AGENCIES WITH JURISDICTION AND CONTROL:

Environmental Protection Agency.

SECTION NO. 15
OTHER INFORMATION

1. Keep out of reach of children.
2. Read entire label before using.
3. The information contained herein is based on data considered accurate, however, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.
4. Petersen Seeds assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.