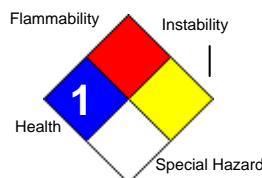


MATERIAL SAFETY DATA SHEET

JUST ONE BITE EX PELLET PLACE PACKS

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1. Product and Company Identification

Product Code: 67517-79-270

Product Name: JUST ONE BITE EX PELLET PLACE PACKS

Manufacturer Information

Company Name: Distributed by:
Farnam Companies, Inc.
301 West Osborn Road
Phoenix, AZ

Emergency Contact: CHEMTREC (800)424-9300

Alternate Emergency Contact: District of Columbia (202)483-0414

Information: Farnam Companies, Inc. (800)234-2269

Preparer Name: SFaith/Regulatory

Additional Identity Information
100505370 4-lb Pail

2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TLV
1. Bromethalin	63333-35-7	0.01 %	No data.	No data.

3. Hazards Identification

Emergency Overview

KEEP OUT OF REACH OF CHILDREN, DOMESTIC ANIMALS AND PETS

Route(s) of Entry: Inhalation? N.A. Skin? Yes Eyes? N.A. Ingestion? N.A.

Potential Health Effects (Acute and Chronic)

Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation.

Signs and Symptoms Of Exposure

Acute overexposure can affect the central nervous system. Exposure to eyes can cause moderate irritation.

Prolonged, repeated contact with bait may cause skin irritation. The active ingredient is toxic via skin absorption.

Ingestion of large doses may cause central nervous system effects such as headache, nausea, dizziness, confusion, and breathing difficulties. Chronic exposure can result in kidney damage. Inhalation is not an expected route of entry during normal handling and use.

Medical Conditions Generally Aggravated By Exposure

No data available.

Additional Hazards Information

Do not get in eyes, on skin, or on clothing. All handlers (including applicators) must wear long-sleeved shirt and gloves. Any person who retrieves carcasses or unused bait following application of this product must wear gloves.

4. First Aid Measures

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: 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. Contaminated clothing should be washed or

dry-cleaned before re-use. See section 8.

IF INGESTED: 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: Remove person to fresh air. Seek medical attention if symptoms persist.

Note to Physician

Contains the nerve poison Bromethalin. This is not an anticoagulant type rodenticide. For humans or animals ingesting bait and/or showing poisoning signs (such as muscle tremors, loss of hind limb use, or seizures for animals), limit absorption by either emesis or gastric lavage. Sublethal symptoms, if present, would be the result of cerebral edema and should be treated accordingly through administration of an osmotic diuretic and corticosteroid.

5. Fire Fighting Measures

Flash Pt: NA
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: NA

Fire Fighting Instructions

Wear full protective clothing and self-contained breathing apparatus.

Flammable Properties and Hazards

Can release hazardous vapors during a fire.

Hazardous Combustion Products

None known

Extinguishing Media

Water spray, carbon dioxide and dry chemical. Use extinguishing media appropriate for surrounding materials.

Unsuitable Extinguishing Media

None known

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled

Contain and transfer into suitable containers for recovery or disposal. Wear appropriate protective clothing. Prevent the material from entering drains or watercourses. Notify authorities if spill has entered watercourse or sewer or has contaminated soil or vegetation.

7. Handling and Storage

Precautions To Be Taken in Handling

Keep away from children and pets. Do not store near foodstuffs. Do not contaminate water, food or feed by storage.

Precautions To Be Taken in Storing

Store in original container in a cool, dry place.

Additional Handling/Storage Information

Keep containers closed and away from other chemicals. Avoid contact with skin. Wash hands thoroughly after handling.

8. Exposure Controls/Personal Protection

Respiratory Equipment (Specify Type)

Not required under normal conditions of use.

Eye Protection

Not required under normal conditions of use.

Protective Gloves

Wear gloves to avoid skin contact.

Other Protective Clothing

Long-sleeved shirt and pants.

Engineering Controls (Ventilation etc.)

No specific measures necessary. Good general room ventilation is expected to be adequate to control airborne levels.

Work/Hygienic/Maintenance Practices

Wash hands before eating, drinking, smoking, or using restroom.

9. Physical and Chemical Properties

Physical States: [] Gas [] Liquid [X] Solid

Melting Point: NA

Boiling Point: NA

Autoignition Pt: NA

Flash Pt: NA

Specific Gravity (Water = 1): NA

Vapor Pressure (vs. Air or mm Hg): NA

Vapor Density (vs. Air = 1): NA

Evaporation Rate (vs Butyl Acetate=1): NA

Solubility in Water: No data.

Solubility Notes

Insoluble

Percent Volatile: N.A.

Appearance and Odor

Green, solid (pellet).

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability

Stable under normal conditions.

Incompatibility - Materials To Avoid

Strong oxidizers

Hazardous Decomposition Or Byproducts

Oxides of carbon, acrolein, organic compounds

Hazardous Polymerization: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Polymerization

Avoid heat - high temperatures.

11. Toxicological Information

Bromethalin: Oral LD50: (rat) 2 mg/kg Oral LD50: (dog) 4.7 mg/kg

Oral LD50: (cat) 1.8 mg/kg

Oral LD50: (rabbit) 13.0 mg/kg

Oral LD50: (monkey) 5.0 mg/kg

Dermal LD50: (rabbit) 200 mg/kg.

Inhalation LC50: (rat) 1 hr 0.024 mg/l

Specific Target Organ Systemic Toxicity (single and repeat)

Propylene Glycol: In animal studies propylene glycol has been shown to cause kidney damage.

Bromethalin: Bromethalin has been shown to be toxic by skin absorption.
Bromethalin: In laboratory animal studies adverse neurological effects were observed.
Serious Eye Damage/Eye Irritation
Bromethalin: Slight eye irritation (rabbit).
Skin Corrosion/Irritation
Bromethalin: Not a skin irritant (rabbit).
Respiratory or Skin Sensitization
Bromethalin: Non-sensitizing (dermal, guinea pig).

Chronic Toxicological Effects

No data available.

Carcinogenicity/Other Information

Not expected to cause long term adverse health effects.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Bromethalin	63333-35-7	n.a.	n.a.	n.a.	n.a.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Additional Toxicological Information

Germ Cell Mutagenicity
Bromethalin: Mutagenicity studies were negative for Salmonella typhimurium and in vivo testing (Chinese hamsters and mice).
Toxicity to Reproduction
Bromethalin: In laboratory animal studies no adverse reproductive effects were observed.

12. Ecological Information

Mobility: No relevant studies identified.
Persistence/Degradability: No relevant studies identified.
Bio-accumulation: No relevant studies identified.
Ecotoxicity: This product is extremely toxic to mammals and birds. Dogs and scavenging mammals and birds might be poisoned if they feed upon animals that have eaten this bait. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff may also be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash water or rinsate.

13. Disposal Considerations

Waste Disposal Method

Product Disposal: Do not contaminate water, food or feed by disposal. Never place any unused product down an indoor or outdoor drain. Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility. Dispose in accordance with federal, state and local regulations.
Container Disposal: Nonrefillable container. Do not refill or reuse container. Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration if allowed. Dispose in accordance with federal, state and local regulations.

14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name Not regulated by U.S. DOT

DOT Hazard Label: None

Additional Transport Information

No data available.

15. Regulatory Information

No data available.

16. Other Information

Company Policy or Disclaimer

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification.