

SAFETY DATA SHEET

Section 1: Identification

Product identifier: TakeDown Soft Bait
Other identifier(s): EPA Registration Number 7173-304
Uses or restrictions: Rodenticide with bromethalin
Manufacturer: Liphatech, Inc.
3600 W. Elm Street, Milwaukee, WI 53209
Emergency phone: 800-351-1476 Monday - Friday 8:00 am - 4:30 pm
(US Central time zone)
After hours phone: Animal emergencies: ASPCA at 1-800-345-4735
All other emergencies: CHEMTREC at 1-800-424-9300

Section 2: Hazard Identification

Hazard classification: Specific Target Organ Toxicity (Single exposure), Category 2. **Warning:** May cause damage to nervous system if swallowed, inhaled or absorbed through skin. Do not breathe dust. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. If exposed or if you feel unwell, call a poison control center or doctor. Store locked up. Dispose of container and contents according to instructions on product label.



Section 3: Composition / Information on Ingredients

Hazardous ingredients:
Bromethalin (CAS registry no. 63333-35-7) 0.01%

Section 4: First Aid Measures

Emergency overview: Symptoms of toxicity include numbness, headache, confusion, personality change, incoordination, tremors, paralysis, convulsions, seizures, coma, difficulty with breathing. Handlers of this product should get medical attention if you experience any of these symptoms. Have the product label with you when obtaining treatment advice.
If swallowed: Call a poison control center or doctor. 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.
If inhaled: Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration and call poison control or doctor.
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.
If on skin or clothing: Take off contaminated clothing. Rinse skin with plenty of cool water for 15-20 minutes. Call a poison control center or doctor.
Note to Physician: This product is a nerve poison - it is NOT an anticoagulant. Limit absorption by emesis, followed by administration of activated charcoal, milk, beaten eggs or suspension of flour or starch. If person is not convulsing, gastric lavage may be done. Treat convulsions by standard therapy; diazepam, diphenylhydantoin and barbiturate have been shown to prolong survival in rats. Treatment of cerebral edema and increased cerebrospinal fluid pressure should be done in hospital with osmotic diuretic such as mannitol, corticosteroid therapy and furosemide.

Section 5: Fire-fighting Measures

Extinguishing media: Use media suitable for the surrounding fire
Specific fire or explosion hazards: None known
Special cautions for firefighters: Wear self-contained breathing apparatus (full facepiece) & full protective clothing. Contain runoff to prevent pollution.

Section 6: Accidental Release Measures

Precautions, PPE and Procedures: Wearing PPE as specified in Section 8, isolate and contain spill. Limit access to spill area to necessary personnel. Do not allow spilled material to enter sewers, streams or other waters.
Methods and materials: Scoop up spilled material and place in a closed, labeled container for use according to label instructions or disposal.

Section 7: Handling and Storage

Precautions for safe handling: Read the entire product label before using this rodenticide. **Conditions for safe storage:** Store in original container in a cool, dry area out of reach of children, pets and domestic animals. Do not contaminate water, food or feed. Keep container tightly closed. Do not remove or destroy the product label.

Section 8: Exposure Controls / Personal Protection

Established exposure limits: Not applicable
Appropriate engineering controls: Special ventilation is not required for the normal handling and use of this product when following label instructions.

Individual protection measures: Wear long pants, shoes, socks and waterproof gloves when handling this product. Follow manufacturer's instructions for cleaning/maintaining PPE, or else wash with detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. Wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet, and change into clean clothing.

Section 9: Physical and Chemical Properties

Appearance: Soft paste, purple color, raw grain odor. Odor threshold not determined.
Water solubility: Negligible
Relative density: 1.25 g/cc
% Volatile (volume): Not applicable
Vapor density: Not applicable
Boiling point: Not determined
Flash point (ASTM D92): >150 °C
Flammability: Not a flammable solid
Explosive limits - Lower limit: Not applicable; Upper limit: Not applicable
Partition coefficient (n-octanol/water): Not applicable
pH: Not applicable
Viscosity: Not applicable
Evaporation rate: Not applicable
Vapor pressure: Not applicable
Freezing point: Not applicable
Autoignition temp.: Not determined
Decomposition temp.: Not determined

Section 10: Stability and Reactivity

Reactivity: Not reactive, not sensitive to shock or static discharge
Chemical stability: Stable
Incompatible materials: None
Hazardous decomposition products: Oxides of carbon
Hazardous reactions: None
Conditions to avoid: None

Section 11: Toxicological Information

Likely routes of exposure: Ingestion, skin absorption.
Symptoms of toxicity: Numbness, headache, confusion, personality change, incoordination, tremors, paralysis, convulsions, seizures, coma, difficulty with breathing.
Eye effects/eye irritation: Mild, transient irritant
Acute oral effects: LD₅₀ (oral-rat): >5000 mg/kg
Acute inhalation effects: LC₅₀ (rat, 4 hour): 60 mg/L (extrapolated)
Acute dermal effects: LD₅₀ (dermal-rabbit): >2000 mg/kg
Skin irritation: Non-irritating
Skin sensitization: Not a skin sensitizer
Carcinogenicity: No ingredient listed by NTP, IARC or OSHA

Section 12: Ecological Information

This product is extremely toxic to birds and mammals. Do not apply this product directly to water, where surface water is present or to intertidal areas below the mean high water mark. Carefully follow label cautions and directions to reduce hazards to children, pets and non-target wildlife.

Section 13: Disposal Considerations

Disposal: Wastes resulting from the use of this product according to the label instructions must be disposed of as specified on the product label.
RCRA waste status: This product is not regulated as a hazardous waste under Federal law. State and local regulation may affect the disposal of this product. Consult your state or local environmental agency for disposal of waste generated other than by use according to label instructions.

Section 14: Transport Information

Transportation data (49 CFR): This product is not regulated as a hazardous material for all modes of transportation within the U.S.
Hazard Class, Packing Group and UN ID No.: Not applicable

Section 15: Regulatory Information

TSCA: All components of this product are listed on the TSCA inventory.
SARA section 313: Contains no reportable components.
CA Proposition 65: Contains no substances subject to Prop 65 requirements.
FIFRA: This product is registered as a pesticide with the Environmental Protection Agency. The label requirements under Federal pesticide law differ from the classification criteria and hazard information required by OSHA on this Safety Data Sheet. Read and follow all cautions, directions and use restrictions on the product label on the container.

Section 16: Other Information

Prepared by: K. Paavola **Date:** 10 November 2017
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