

# SAFETY DATA SHEET

## Section 1: Identification

**Product identifier:** Metarex® 4% Snail & Slug bait  
**Other identifier(s):** EPA Registration Number 7173-257  
**Uses or restrictions:** Molluscicide with metaldehyde

**Manufactured for:** 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:** Call CHEMTREC at 1-800-424-9300

## Section 2: Hazard Identification

This product does not meet the criteria for classification as a hazardous material as set forth in OSHA hazard communication regulations at 29 CFR 1910.1200, and requires no signal word, hazard class statement, precautionary statements or pictogram under these regulations. This product is also regulated by the US EPA as a pesticide product, and the label is required to carry the following hazard information: CAUTION: Harmful if inhaled. Harmful if swallowed. Harmful if absorbed through skin. Avoid breathing dust. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

## Section 3: Composition / Information on Ingredients

**Hazardous ingredients:**  
Metaldehyde (CAS registry no. 108-62-3) ..... 4%

## Section 4: First Aid Measures

**Emergency overview:** This product can be harmful to children and fatal to domestic animals when ingested. Metaldehyde is a systemic toxin. There is no antidote. The following instructions are not intended for lay people. There is no home treatment. Exposed individuals and animals should receive emergency care as quickly as possible. 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 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:** Dust inhalation is usual route of accidental exposure; the product is rarely ingested. Treatment is symptomatic and supportive. Monitor severe exposures closely: seizures, electrolyte imbalances, acidosis, dehydration, and increased body temperature have been reported

**Note to Veterinarian:** Animals typically are exposed via ingestion. Treatment is symptomatic and supportive. If significant ingestion suspected, and the animal is asymptomatic, consider induction of emesis or gastric lavage and administration of activated charcoal, cathartic and enema to limit absorption. Monitor asymptomatic and symptomatic animals closely. Treat seizures, electrolyte imbalances, acidosis, dehydration, and increased body temperature. Monitor liver function post recovery.

## 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-sleeved shirt, long pants, shoes, socks and waterproof gloves when handling this product, as specified on the product label. 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 and change into clean clothing. Wash outside of gloves before removing. Wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet.

## Section 9: Physical and Chemical Properties

**Appearance:** Solid pellets, blue color, oil-like characteristic odor. Odor threshold not determined.  
**Water solubility:** Negligible  
**Relative density:** 0.78 g/cc  
**% Volatile (volume):** Not applicable  
**Vapor density:** Not applicable  
**Boiling point:** Not determined  
**Flash point (ASTM D92):** None  
**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 reactions:** None  
**Conditions to avoid:** None  
**Hazardous decomposition products:** Oxides of carbon

## Section 11: Toxicological Information

**Likely routes of exposure:** Ingestion, skin absorption, inhalation.  
**Symptoms of toxicity:** Include abdominal pain, fever, nausea, vomiting, diarrhea, convulsions, muscle tremors, increased heart rate, dilation of pupils, panting, depression, drowsiness, excessive salivation and tearing, cyanosis, acidosis, stupor, unconsciousness, coma and respiratory failure.

**Eye effects/eye irritation:** Mild, transient irritant

**Acute oral effects:** LD<sub>50</sub> (oral-rat): >500 mg/kg  
**Acute inhalation effects:** LC<sub>50</sub> (rat, 4 hour): >5000 mg/L (extrapolated)  
**Acute dermal effects:** LD<sub>50</sub> (dermal-rat): >2000 mg/kg

**Skin irritation:** Non-irritating  
**Skin sensitization:** Does not meet OSHA criteria as a skin sensitizer. Prolonged/repeated skin contact may cause allergic reaction in some individuals.

**Carcinogenicity:** No ingredient listed by NTP, IARC or OSHA

## Section 12: Ecological Information

This product is toxic to mollusks, 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 U.S. 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:** T. Schmit **Date:** 2 February 2015  
This Safety Data Sheet is believed to be accurate at time of publication. No warranty, expressed or implied, is made with regard to this information. This information may not be adequate for every application, and the user must determine the suitability of this information due to the manner or conditions of use or storage, or local regulation.