

1. PRODUCT & COMPANY IDENTIFICATION

Product Name: Evolve™ Mouse
Product Use: Wildlife Fertility Control
Manufacturer: SenesTech, Inc.
777 Pinnacle Peak Rd, Suite B-104
Phoenix, AZ 85027
Business Phone: +1 (928) 779-4143
Emergency Phone: +1 (866) 886-7287

2. HAZARDS IDENTIFICATION

Hazard Identification: This product is not classified according to the classification criteria of GHS standards.
Label Elements: GHS Label Elements: None
Hazard Pictograms: None
Signal Word: None
Hazard Statements: None
Other Warnings: Not applicable

3. COMPOSITION & INGREDIENT INFORMATION

Proprietary; non-hazardous ingredients.

4. FIRST AID MEASURES

First Aid: Ingestion: Do NOT induce vomiting. If swallowed, call a poison center/doctor if you feel unwell.
Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
Skin: Wash with plenty of soap and water. If on skin (or hair), take off immediately all contaminated clothing. Rinse skin with water/shower.
Inhalation: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

Most Important Symptoms: Contact with eyes may cause irritation.
Special Treatment: Treat symptoms and eliminate overexposure. Get medical advice/attention if you feel unwell.

5. FIREFIGHTING MEASURES

Extinguishing Agents: Carbon Dioxide, Dry Chemical, Halon, or Foam. Do NOT use a heavy water stream.
Special Hazards: None
Firefighting Procedures: Firefighters use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Use cautious judgment when cleaning up spill. Wear suitable protective clothing, gloves, and eye/face protection.
Environmental Precautions:	Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.
Method for Cleanup:	Sweep up and shovel into suitable containers for proper disposal. SMALL SPILLS: Collect material via broom or mop. Place in tightly sealed containers for proper disposal. Approach spill areas with caution. If liquid was introduced, create a dike or trench to contain material. Soak up with absorbent material such as clay, sand, or other suitable non-reactive material. LARGE SPILLS: Place in leak-proof containers. Seal tightly for proper disposal. Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations.

7. HANDLING & STORAGE INFORMATION

Safe Handling Precautions:	Wash hands and face thoroughly after handling. Prevent formulation of dust. Do not eat, drink, or smoke when using product.
Safe Storage Conditions:	Store away from water.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Technical Systems:	Technical measures and the application of adequate working methods take priority over the use of personal protective equipment. Use process enclosures, local exhaust ventilation, or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
Exposure Limits (ppm):	None
General Protective and Hygienic Measures:	Wash hands thoroughly after handling.
Hand Protection:	Wear protective gloves. The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.
Respiratory Protection:	No special respiratory protection is required under normal circumstances of use or handling.
Eye Protection:	Safety glasses with side shields. If splash potential exists, wear full face shield or chemical goggles.
Body Protection:	Protective work clothing

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Tan, soft paste
Odor:	Sweet, grain-like
Odor Threshold:	N/A
pH:	N/A
Melting Point/Freezing Point:	N/A
Initial Boiling Point/Boiling Range:	N/A
Flashpoint:	N/A
Upper/Lower Flammability Limits:	N/A
Vapor Pressure:	N/A
Vapor Density:	N/A
Relative Density:	1.1 g/mL

Solubility:	Negligible
Partition Coefficient (log P_{ow}):	N/A
Autoignition Temperature:	N/A
Decomposition Temperature:	N/A
Viscosity:	N/A
Other Information:	N/A

10. STABILITY & REACTIVITY

Reactivity:	Not reactive under normal conditions.
Chemical Stability:	Stable under normal conditions
Hazardous Decomposition Products:	None known.
Possibility of Hazardous Reactions:	No dangerous reactions known.
Conditions to Avoid:	None known.
Incompatible Substances:	Acids, Oxidizing agents

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	No acute health effects are reported by the manufacturer.
Skin Corrosion/Irritation:	Based on available data, the classification criteria are not met.
Serious Eye Damage/Irritation:	Based on available data, the classification criteria are not met.
Dermal Sensitization:	Based on available data, the classification criteria are not met.
Carcinogenic Categories:	None of the ingredients are listed (IARC, NTP, OSHA-Ca).
Germ Cell Mutagenicity:	Based on available data, the classification criteria are not met.
Reproductive Toxicity:	Based on available data, the classification criteria are not met.
STOT-Single Exposure:	Based on available data, the classification criteria are not met.
STOT-Repeated Exposure:	Based on available data, the classification criteria are not met.
Aspiration Hazard:	Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity:	No relevant information available.
Persistence and Degradability:	No relevant information available.
Bioaccumulative Potential:	No relevant information available.
Mobility in Soil:	No relevant information available.
Other Adverse Effects:	No relevant information available.

13. DISPOSAL CONSIDERATIONS

Product:	Dispose of contents & container in accordance with local, regional, national, and international regulations.
Contaminated Packaging:	Disposal must be made according to official regulations.

14. TRANSPORTATION INFORMATION

UN-Number (DOT, IMDG, IATA):	Not applicable
UN Proper Shipping Name (DOT, IMDG, IATA):	Not applicable
Transport Hazard Class (DOT, IMDG, IATA):	Not applicable
Packing Group (DOT, IMDG, IATA):	Not applicable

Environmental Hazards:	Not applicable
Special Precautions for User:	Not applicable
Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code:	Not determined
UN "Model Regulation":	Not applicable

15. REGULATORY INFORMATION

TSCA Inventory Status:	The components of this product are listed on the TSCA inventory.
Hazardous Air Pollutants:	None of the ingredients listed
Proposition 65:	Known to cause cancer: none of the ingredients listed Known to cause reproductive toxicity for females: none of the ingredients listed Known to cause reproductive toxicity for males: none of the ingredients listed Known to cause developmental toxicity: none of the ingredients listed

16. OTHER INFORMATION

The date of preparation of the SDS or the last change to it: 4/30/2024.

SAFETY DATA SHEET

Section 1: Identification

Product identifier: Flatline™ Soft Bait
Other identifier(s): EPA Registration Number 7173-308
Uses or restrictions: Rodenticide with chlorophacinone
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: Human or Animal emergencies: RMPDC at 866-514-9168
Spill emergencies: CHEMTREC at 800-424-9300

Section 2: Hazard Identification

Hazard class: Specific Target Organ Toxicity (Single exposure), Category 2; Specific Target Organ Toxicity (Repeated exposure), Category 2
Warning: May cause damage to blood and reduce the clotting ability of blood 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. Dispose of container and contents according to instructions on product label. Store locked up.



Section 3: Composition / Information on Ingredients

Hazardous ingredients:
Chlorophacinone (CAS registry no. 3691-35-8)..... 0.005%

Section 4: First Aid Measures

Emergency overview: This material may reduce the clotting ability of the blood and cause bleeding. Symptoms of toxicity include lethargy, loss of appetite, reduced clotting ability of blood, and bleeding. 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 or Veterinarian: Contains anticoagulant ingredient. For humans or animals ingesting bait and/or showing obvious poisoning symptoms (bleeding or prolonged prothrombin times), give Vitamin K₁ intramuscularly or orally. In severe cases, blood transfusions may be needed.

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, red color, raw grain odor. Odor threshold not determined.
Water solubility: Negligible **pH:** Not applicable
Relative density: 1.112 g/cc **Viscosity:** Not applicable
% Volatile (volume): Not applicable **Evaporation rate:** Not applicable
Vapor density: Not applicable **Vapor pressure:** Not applicable
Boiling point: Not determined **Freezing point:** Not applicable
Flash point (ASTM D92): >150 °C **Autoignition temp.:** Not determined
Flammability: Not a flammable solid **Decomposition temp.:** Not determined
Explosive limits - Lower limit: Not applicable; **Upper limit:** Not applicable
Partition coefficient (n-octanol/water): Not applicable

Section 10: Stability and Reactivity

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

Section 11: Toxicological Information

Likely routes of exposure: Ingestion, skin absorption.
Symptoms of toxicity: Lethargy, loss of appetite, reduced clotting ability of blood, and bleeding.
Eye effects/eye irritation: Mild, transient irritant
Acute oral effects: LD₅₀ (oral-rat): >5000 mg/kg
Acute inhalation effects: LC₅₀ (rat, 4 hour): 186 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 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: H. Beulen **Date:** 28 April 2022
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.