

1. PRODUCT & COMPANY IDENTIFICATION

Product Name: ContraPest®
Product Use: Wildlife Fertility Control
EPA Registration No.: 91601-1
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

Classification: GHS classification in accordance with the OSHA Hazard Communication Standard (29 C.F.R. § 1910.1200):

Signal Word: None
Pictogram: Not applicable
Hazard
Statement(s): None
Precautionary
Statement(s): None
Hazards Not
Otherwise
Classified (HNOC): None known

3. COMPOSITION & INGREDIENT INFORMATION

Active Ingredients:

Component	CAS-No.	Concentration
Vinylcyclohexene diepoxide	106-87-6	0.09604%
Triptolide	38748-32-2	0.00118%

4. FIRST AID MEASURES

If on skin or clothing:	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.
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, and continue rinsing. Call a poison control center or doctor for treatment advice.
If swallowed:	Call poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person.
Most important symptoms/effects, acute and delayed:	Causes mild skin irritation.
Indication of immediate medical attention and special treatment needed if necessary:	This product has been formulated for fertility control in rats. It may possibly induce transient infertility in small male and female mammals capable of reproduction.

5. FIREFIGHTING MEASURES

Conditions of flammability:	Not flammable or combustible
Extinguishing media:	Use water spray, dry chemical or carbon dioxide.
Advice for fire fighters:	Wear self-contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection see Section 8.
Environmental precautions:	Stop leak if you can do it without risk. Prevent entry into any waterways, drains or sewers.
Method for cleaning-up:	Use absorbent paper to pick up all liquid spill material. Seal the absorbent paper, along with anything that may be contaminated like clothing, in a plastic bag for eventual disposal. Wash any surfaces you may have contaminated with a soap and water solution. Dispose of contaminated material as waste according to Section 13.

7. HANDLING & STORAGE INFORMATION

Safe handling precautions:	Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
Safe storage conditions:	Store only in original, tightly secured, bait tank in a room temperature environment, inaccessible to children, pets, livestock and other non-target animals. Do not contaminate water, food or feed by storage or disposal.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Control parameters: Components with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
Vinylcyclohexene diepoxide	106-87-6	TWA	0.1 ppm 0.57 mg/m ³	USA. ACGIH Threshold Limit Values (TLV)
Remarks	Skin contact does contribute to exposure. Confirmed animal carcinogen with unknown relevance to humans			

Personal protective equipment

- Hand Protection: If anticipated that prolonged & repeated skin contact will occur during use of this product, wear nitrile, latex, or rubber gloves for routine industrial use.
- Respiratory Protection: No special respiratory protection is required under normal circumstances of use or handling.
- Eye Protection: Avoid eye contact. Protective eyewear when handling this product is suggested.
- Body Protection: Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. The type of protective clothing must be selected according to the concentration and amount of the substance at the specified workplace.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

- Appearance: White, opaque liquid
- Odor: Sweet
- Odor Threshold: N/A
- pH: 7.26
- Melting Point/Freezing Point: N/A
- Initial Boiling Point/Boiling Range: N/A
- Flash Point: N/A
- Upper/Lower Flammability Limits: N/A
- Vapor Pressure: N/A
- Vapor Density: N/A
- Relative Density: 0.99 mg/L
- Solubility: Miscible in water
- Partition Coefficient: N/A
- Autoignition Temperature: N/A
- Decomposition Temperature: N/A
- Viscosity: N/A
- Other Information: N/A

10. STABILITY & REACTIVITY

Stability:	This product is stable.
Hazardous Decomposition Products:	Oxides of carbon (CO, CO ₂) and nitrogen (N ₂).
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Open flames, sparks, high heat, strong acids or alkalis, and oxidizing agents.
Incompatible Substances:	Store away from flammable liquids, flammable solids, aerosols and other incompatible materials. Carbon oxides and oxidizing agents. Avoid contamination.

11. TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure: skin and eyes Acute toxicity values:

Acute oral:	LD ₅₀ > 5000 mg/kg
Acute dermal:	LD ₅₀ > 5000 mg/kg
Acute inhalation:	No data available
Skin corrosion/irritation:	Skin-Rabbit Result: slight skin irritation
Serious eye damage/ eye irritation:	Eye-rabbit Result: Non-irritant (OECD Test Guideline 405)
Dermal sensitization:	Skin-guinea pig According to GHS Classification, this product is not a dermal sensitizer
Carcinogenicity:	This product does not contain a component present at ≥ 0.1% that has been reported to be carcinogenic based on its IARC, ACGIH, NTP or EPA classification.
Listed values for ingredients:	Possibly carcinogenic to humans (Vinylcyclohexene diepoxide) Reasonably anticipated to be a human carcinogen (Vinylcyclohexene diepoxide)
IARC: 2B – Group 2B:	
NTP:	No component of this product is identified as a carcinogen or potential carcinogen by OSHA.
OSHA:	
Reproductive toxicity:	No data available
Germ cell mutagenicity:	No data available
Specific target organ toxicity – single exposure:	No data available
Specific target organ toxicity – repeated exposure:	No data available
Aspiration hazard:	No data available
Signs and symptoms of exposure:	To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.
Additional information:	No data available

12. ECOLOGICAL INFORMATION

Toxicity:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Mobility in soil:	No data available
Other adverse effects:	No data available

13. DISPOSAL CONSIDERATIONS

Product:	Do not contaminate water, food or feed by storage or disposal. Do not dispose of product down any drains, waterways or sewers. Tanks are non-refillable. Dispose of partly filled tanks by recapping and placing in trash can or may be disposed of by an approved waste disposal facility.
Contaminated packaging:	Do not re-use empty tanks. If the tank is empty, place empty tank in trash or offer for recycling.

14. TRANSPORTATION INFORMATION

DOT (US):	Not regulated
IMDG:	Not regulated
IATA:	Not regulated

15. REGULATORY INFORMATION

SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, Section 313 reporting requirements.
SARA TPQ:	There are no specific Threshold Planning Quantities for the components of this product.
TSCA Inventory Status: CERCLA Reportable Quantity:	The components of this product are listed on the TSCA inventory. N/A
State Regulatory Information:	No ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-To-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI). This product does not contain any chemicals known to the state of California to cause cancer or other reproductive harm.

16. OTHER INFORMATION

The date of preparation of the SDS or the last change to it: 6/30/2023.