

SAFETY DATA SHEET

SNAKE OUT[®]

**SNAKE
REPELLENT**

Health Emergencies: INFOTRAC[®] (800) 535-5053**1. PRODUCT AND COMPANY INFORMATION**

Product Identity: Snake Out[®]
Recommended use of the chemical and restrictions on use: See Label
Manufacturer: Nisus Corporation
 100 Nisus Drive
 Rockford, TN 37853
Telephone: Phone: (800) 264-0870
 Fax: (865) 577-5825
Emergency Phone: 800-535-5053 (INFOTRAC)
SDS Date of Preparation: 01/12/16

2. HAZARDS IDENTIFICATION

GHS Classification: Not Classified
GHS Label Elements: None
Statements of Hazard: None
Precautionary Statements: None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount	GHS –US
Cedar Oil	68990-83-0	3.1%	Not Classified
Cinnamon oil	8015-91-6	0.6%	Not Classified
Clove Oil	8000-34-8	0.3%	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312

4. FIRST AID MEASURES

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation: Assure fresh air breathing. Allow the victim to rest.

First-aid measures after skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First-aid measures after eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

Most important symptoms and effects, both acute and delayed
 Symptoms/injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media: Do not use a heavy water stream.

Specific hazards arising from the chemical: No additional information available.

Firefighting instructions: Use water spray or fog for cooling exposed containers.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures:

For non-emergency personnel: Emergency procedures: Evacuate unnecessary personnel.

For emergency responders:
 Protective equipment: Equip cleanup crew with proper protection.
 Emergency procedures: Ventilate area.

Environmental Precautions
 Prevent entry to sewers and public waters.

Methods and material for containment and cleaning up
 On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

See Heading 8. Exposure controls and personal protection.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Protect from moisture.

Conditions for Safe Storage, Including Any Incompatibilities:
 Storage conditions: Protect from moisture. Keep container closed when not in use. Store in original container.

Incompatible products: Strong bases. strong acids.
 Incompatible materials: Sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:
 This product does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

Others: None

Exposure Controls

Personal protective equipment: Avoid all unnecessary exposure.

Hand protection: Wear protective gloves.

Eye protection: Chemical goggles or safety glasses.

Respiratory protection: Wear approved mask.

Other information: When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance And Odor: Greyish to tan granular with pleasant cinnamon-cedar scent

Physical State: Solid—granular

Odor Threshold: No data available

Vapor Density: No data available

Initial Boiling Point/Range: No data available

Solubility In Water: Insoluble **Vapor Pressure:** Not determined

Relative Density: 39 to 44 lb/cu. ft

Evaporation Rate: No data available

Melting/Freezing Point: No data available **pH:** No data available

Percent Volatile: No data available

Octanol/Water Coefficient: No data available

Decomposition Temperature: No data available

Viscosity: No data available

Flammability (solid, gas): Not determined

Flashpoint: >405°C

Autoignition Temperature: No data available

Flammable Limits: LEL: Not determined **UEL:** Not determined

10. STABILITY AND REACTIVITY

Reactivity: No additional information available.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: Not established.
Conditions to Avoid: Extremely high or low temperatures.
Incompatible Materials: Strong acids and strong bases
Hazardous Decomposition Products: Decomposition emits carbon monoxide and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:

Skin corrosion/irritation: Not classified.
Respiratory or Skin Irritation: Not classified.
Aspiration Hazard: Not classified.
Serious Eye Damage/Irritation: Not classified.
Carcinogenicity: Not classified.
Germ Cell Mutagenicity: Not classified.
Reproductive Toxicity: Not classified.

Numerical Measures of Toxicity:

Component Toxicity Data:

Cinnamon Oil:

Oral rat LD₅₀: 2650 mg/kg; Dermal rabbit LD₅₀: >5000 mg/kg

Clove Oil:

Oral rat LD₅₀: 1370 mg/kg, Dermal rabbit LD₅₀: 1200 mg/kg

12. ECOLOGICAL INFORMATION

This product is not expected to have any negative ecological effect.

Ecotoxicity: No additional information available.

Persistence and Degradability: Not established.

Bioaccumulative Potential: No data available.

Mobility in Soil: No additional information available.

Other Adverse Effects: Avoid release to the environment.

13. DISPOSAL CONSIDERATION

Waste disposal recommendations

Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials

Avoid release to the environment

14. TRANSPORTATION INFORMATION

In accordance with DOT: No dangerous good in sense of transport regulations

15. REGULATORY INFORMATION

This chemical is a pesticide product regulated by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

Product can cause moderate eye irritation. For certain individuals, skin irritation may occur. In case of eye contact, flush with plenty of water. In case of skin irritation, wash area thoroughly with soap and water.

EU Regulations: No additional information available.

Classification according to Regulation (EC) No. 1272/2008 [CLP]:
Not classified

Classification according to Directive 76/548/EEC or 199/45/EC: Not classified.

16. OTHER INFORMATION

HMIS Rating:

Health = 1 Flammability = 0 Physical Hazard = 0

SDS Revision History: 03/26/12: New SDS
01/12/16: Revised SDS

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