

# **SNAKE OUT**<sup>®</sup>

**SNAKE  
REPELLENT**

## **BIODEGRADABLE • EASY-TO-APPLY GRANULES**

Use around the home and anywhere snakes are a problem.

Naturally drives snakes from yards, gardens, patios, sheds, woodpiles – anywhere snakes are not wanted.

**Keep Out of Reach of Children**

### **CAUTION**

#### **ACTIVE INGREDIENTS**

Cinnamon Oil (CAS No. 8015-91-6) .....	0.6%
Clove Oil (CAS No. 8000-34-8) .....	0.3%
Cedar Oil (CAS No. 68990-83-0).....	3.1%
SUBTOTAL, Active Ingredients .....	4.0%

#### **OTHER INGREDIENTS:**

Sulfur, Fuller's Earth, Water .....	96.0%
SUBTOTAL, Other Ingredients .....	96.0%

**TOTAL**.....100.0%

**SNAKE OUT Snake Repellent** effectively repels snakes from around your home or structure. Apply around homes, garages, barns, swimming pools, gardens (not for use directly on vegetable gardens), garden sheds, woodpiles, and other areas where snakes may be a problem. May be used in areas where children and pets play. Snake Out Snake Repellent is biodegradable and, when used as directed, will not harm lawns, gardens, flowerbeds or other desirable plants. Not for aquatic use. Do not apply to crops being grown for food or feed.

Snake Out is an EPA 25(b) exempt product. This product is not registered with the Environmental Protection Agency. Nisus Corporation represents that this product qualifies for exemption from registration under Federal Insecticide, Fungicide, and Rodenticide Act.

#### **How It Works:**

Snakes can actually taste the air around them via a receptor organ known as the *Jacobson's organ*. Snake Out's unique combination of ingredients creates a powerful taste/scent that snakes find unpleasant and triggers an avoidance behavior that makes snakes want to escape the area where it is applied. Snake Out Snake Repellent does not harm snakes; it drives them away from areas where people, pets and children may be active.

#### **How To Use:**

Using the convenient shaker top on this package, lightly sprinkle a band 6-8 inches wide, around, into or next to the area you wish to protect. It is not necessary to cover the ground completely with product. One pound will treat a band 8 inches wide by 50 feet in length or 1 lb per 100 square feet. Do not water in after application. For outdoor use, reapply product after heavy rains or every two weeks to obtain best results. Snake Out works best and lasts longer when applied to protected areas such as crawlspaces, attics and any areas protected from rainfall. Apply into voids, holes and cracks in and around the structure where snakes may enter. Snake Out can be applied to the interior perimeter of garages, storage rooms, sheds, out buildings and boat houses. Apply Snake Out to the interior perimeter walls of crawlspaces, basements and to sill areas above the foundation walls where snakes may travel or harbor. A duster applicator may be used to apply Snake Out into in accessible area.

Endangered Species Considerations – Before using this product, consult with State or local wildlife authorities to ensure that use does not present a hazard to any threatened or endangered species. Where necessary, obtaining all required permits and licenses is the responsibility of the applicator.

User Precautions – Reminder: Some snakes are poisonous; **NEVER** attempt to pick up a snake unless you are properly trained, experienced and know which species you are dealing with. Handling wild snakes is best left to experts. Contact your local wildlife management office for further information. Snake Out will not prevent snake bites.

### **First Aid**

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. Seek medical attention if irritation persists.

### **Storage and Disposal:**

Do not contaminate water, food or feed by storage or disposal.

**Storage:** Store in a cool, dry (preferably locked) storage area inaccessible to children and pets. If empty: Place in trash or offer for recycling if available.

### **Warranty Disclaimer**

To the extent not prohibited by applicable law, Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. To the extent not prohibited by applicable law, **MANUFACTURER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

### **Inherent Risks of Use**

The directions for use are believed to be adequate and must be carefully followed. It is impossible to eliminate all risks associated with use of this product. Lack of performance or other unintended consequences may result because of such factors as use of the product contrary to label instructions, abnormal conditions, the presence of other materials, climatic conditions, the manner of application, all of which are beyond the control of the Manufacturer. To the extent not prohibited by applicable law, the buyer/seller assumes all such risks.

### **Limitation of Remedies**

To the extent not prohibited by applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability or other legal theories) shall be limited to, at Manufacturer's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

To the extent not prohibited by applicable law: a) Manufacturer shall not be liable for losses or damages resulting from handling or use of this product unless Manufacturer is promptly notified of such loss or damage in writing; and b) **IN NO CASE SHALL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR LOSSES, INCLUDING WITHOUT LIMIT, HEALTH RELATED DAMAGES OR INJURIES.**

The terms of this **Warranty Disclaimer and Limitation of Remedies** cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Manufacturer or the seller is authorized to vary or exceed the terms of this **Warranty Disclaimer or Limitation of Remedies** in any manner.



100 Nisus Drive • Rockford, TN 37853 USA  
800-264-0870

Snake Out and Nisus are registered trademarks of Nisus Corporation.  
©2012 Nisus Corporation #SL-SO-0512a

## SAFETY DATA SHEET

# SNAKE OUT<sup>®</sup>

SNAKE  
REPELLENT

Health Emergencies: INFOTRAC<sup>®</sup> (800) 535-5053**1. PRODUCT AND COMPANY INFORMATION****Product Identity:** Snake Out<sup>®</sup>**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 LD<sub>50</sub>: 2650 mg/kg; Dermal rabbit LD<sub>50</sub>: >5000 mg/kg  
Clove Oil:  
Oral rat LD<sub>50</sub>: 1370 mg/kg, Dermal rabbit LD<sub>50</sub>: 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

##### WARRANTY DISCLAIMER

The information, data and recommendations contained herein are believed to be accurate but may not be all inclusive and should only be used as a guide. The information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the product for his particular use and on condition that they assume the risk of the use thereof. With respect to this publication and the product related thereto, unless otherwise expressly provided by Manufacturer in writing, **MANUFACTURER MAKES NO EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

##### Remedy/Liability Limits

The exclusive remedy for losses or damages resulting from this publication or the related product (including claims based on contract, negligence, strict liability or other legal theories) shall be limited to, at Manufacturer's sole election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

Manufacturer shall not be liable for losses or damages resulting from use of this publication or handling or use of this product. **IN NO CASE SHALL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR LOSSES, INCLUDING WITHOUT LIMIT, HEALTH RELATED DAMAGES OR INJURIES.**

The terms of this **Warranty Disclaimer** and **Remedy/Liability Limits** cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Manufacturer or the seller is authorized to vary or exceed the terms of this **Warranty Disclaimer** or **Limitation of Remedies** in any manner.



100 Nisus Drive • Rockford, TN 37853 USA • (800) 264-0870

Snake Out and Nisus Corporation are trademarks or registered trademarks of Nisus Corporation. ©2016 Nisus Corporation • #SO-SDS-011216a

# NOTES



100 Nisus Drive • Rockford, TN 37853 USA  
www.nisuscop.com • 800-264-0870