

SNAKE OUT[®]

The green solution to snakes.

KEEP SNAKES OUT...NATURALLY.



Snakes “taste” the surrounding air, and the special blend of ingredients in Snake Out Snake Repellent is especially unpleasant to them. When they come into contact with Snake Out in the air, an escape/avoidance reaction is triggered so the snakes are actually repelled away from the product.

**Snake Out can be used anywhere snakes are not wanted.
Snake Out doesn't harm snakes; instead, it actually repels them—naturally.**

- Unique blend of ingredients that snakes find very unpleasant.
- Does not harm snakes, but repels them away from areas where you don't want them.
- Biodegradable.
- Will not harm lawns, gardens, flower beds or other desirable plants when used as directed.
- May be used in areas where children and pets play.
- Apply around homes, foundations, barns & outbuildings, garages, woodpiles, sheds, campsites – anywhere where snakes may be a problem.
- Easy-to-apply patented Comfort Grip[®] container.
- Snake Out's natural oil active ingredients are exempt from EPA regulation – EPA 25(b) exempt.
- Does not contain naphthalene.
- Part of your Green Pest Management[®] program.

Visit www.nisuscorp.com for the complete line of green products.

100 Nisus Drive ■ Rockford, TN 37853 ■ (800) 264-0870 ■ www.nisuscorp.com

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Green Pest Control Solutions

SNAKE OUT[®]

**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	
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.



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MATERIAL SAFETY DATA SHEET

Snake Out[®] Snake Repellent

Health Emergencies: CHEMTREC[®] (800) 424-9300

SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

Manufacturer: Nisus Corporation
100 Nisus Drive
Rockford, TN 37853 USA
(800) 264-0870

Product Trade Name: **Snake Out[®] Snake Repellent**

EPA Registration No.: EPA Exempt (Food components)
– Non-Pesticidal

SECTION 2 – INGREDIENTS INFORMATION

Components	OSHA PEL
Proprietary Formulation (Specific Chemical Identity: Common Name(s))	
Clay	N/A
Cinnamon Oil (CAS # 8015-91-6)	N/A
Clove Oil (CAS # 8000-34-8)	N/A
Cedar Oil (CAS # 68990-83-0)	N/A
Sulfur (CAS # 7704-34-9)	N/A

SECTION 3 - HEALTH HAZARD INFORMATION

Hazard Rating: NFPA	Health	1	Slight hazard
	Flammability	0	
	Reactivity	0	

POTENTIAL HEALTH EFFECTS: Irritation to eyes, skin and throat via dust exposure

PRIMARY ROUTE(S) OF ENTRY: Ingestion, eye and skin contact.

EYES: May cause eye irritation.

SKIN: May cause skin irritation

INHALATION: Harmful if inhaled. Breathing high concentrations of vapors or dust may cause nausea, dizziness or drowsiness, and irritation of the nose and throat. Preexisting lung disorders may be aggravated by exposure to this material.

SECTION 4 - EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.

SKIN CONTACT: Take off contaminated clothing. Immediately rinse skin with plenty of water for 15-20 minutes.

EYE CONTACT: 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 for further treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

INGESTION: SEEK EMERGENCY MEDICAL ATTENTION. If the victim is drowsy or unconscious, place on the left side with the head down. Do not give anything by mouth. If victim is conscious and alert, vomiting should be induced for ingestion of more than 2–4 tablespoons for an adult, preferably with syrup of ipecac under direction from a physician or poison center. If syrup of ipecac is not available, vomiting can be induced by gently placing two fingers in back of throat. If large amounts are ingested, treat for sulfur toxicity. If possible, do not leave victim unattended.

SECTION 5 - FIRE AND EXPLOSION DATA

FIRE FIGHTING INSTRUCTIONS: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved (or equivalent) and full protective gear.

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam, or Water.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PRECAUTIONS: Avoid contact with spilled material.

DISPOSAL: Sweep up spilled material and place in trash. May be buried in an approved landfill.

SECTION 7 - HANDLING AND STORAGE

STORAGE: Keep sealed. Store in a cool, dry place. Keep out of reach of children.

HANDLING PRECAUTIONS: Avoid contact with eyes, skin or clothing. Wash skin and clothing after handling. Do not apply directly to water.

CONTAINER DISPOSAL: Do not reuse empty container. Discard empty container in trash.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY PROTECTION: Good ventilation. When applying Snake Out in confined spaces, provide ventilation or an exhaust system or use of a NIOSH-approved dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C) with a prefilter approved for pesticides (MSHA/NIOSH approval prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval prefix TC-14G) or a NIOSH-approved respirator with any N, R, P or HE prefilter is recommended.

VENTILATION: Exhaust to ventilate.

The following personal protective equipment is recommended:

PROTECTIVE GLOVES: Some materials that are chemical-resistant to this product are barrier laminate; butyl, nitrile, neoprene and natural rubbers \geq 14 mils; polyethylene; polyvinyl chloride; and viton \geq 14 mils. If you want more options, follow the instructions for category C on an EPA chemical-resistance category selection chart.

EYE PROTECTION: Use safety glasses, goggles or face shield.

OTHER PROTECTIVE EQUIPMENT: Applicators, mixers and other handlers must wear long-sleeved shirt, long pants, socks, shoes, chemical-resistant gloves and protective eyewear. It is recommended that a source of clean water be available in the work area for flushing eyes and washing skin.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Gray granular solid

Odor: Pleasant/Cinnamon

Physical State: Solid

Melting Point: N/A

Specific Gravity: N/A

Percent Volatiles: N/A

Evaporation Rate: N/A

Viscosity: N/A

Boiling Point: N/A

Vapor Pressure: N/A

Solubility (H₂O): Soluble

pH: N/A

Density: 35–40 lbs. cu. ft.

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Exposure to strong oxidizing agents.

INCOMPATIBILITY (MATERIALS TO AVOID): This material is incompatible with strong oxidizing agents.

HAZARDOUS POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: carbon monoxide, carbon dioxide, sulfur compounds.

SECTION 11 - TOXICOLOGY

Snake Out is of very low acute mammalian toxicity.

Acute oral LD₅₀ – Not tested - assumed by calculation to be greater than 5000 mg/kg body weight.

Acute dermal LD₅₀ – Not tested - assumed greater than 2000 mg/kg body weight

Acute inhalation LC₅₀ – Not tested. Intentional misuse by deliberately concentrating and inhaling this material may be harmful or fatal.

None of the major constituents of this material have been identified as carcinogens or probable carcinogens by IARC or OSHA.

SECTION 12 – ECOLOGICAL INFORMATION

General: This material is a mixture of plant derived food oils with a sulfur and clay carrier. In the event of accidental environmental release, sweep or scoop up solid and wash away the remainder with water. All ingredients are broken down naturally in the environment.

Phytotoxicity: Sulfur, a component in Snake Out, can be phytotoxic in high concentration in susceptible plant species.

Algal Toxicity: None known

Invertebrate Toxicity: None known

Fish Toxicity: None known

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Unopened containers may be returned to Nisus Corporation for reprocessing. Can be placed in trash or approved landfill.

SECTION 14 – TRANSPORTATION INFORMATION

DOT Hazard Classification: Not Regulated

SECTION 15 – REGULATORY INFORMATION

EPA Registration No.: N/A EPA Exempt

Chemical Family: Food/plant derived oils, sulfur and inert carrier.

Hazard Rating: NFPA	Health	1	Slight hazard
	Flammability	0	
	Reactivity	0	

SECTION 16 – OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein. This information and product are furnished on the condition that the persons receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use thereof.

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