

SPIDER WEBS:

PROBLEM? OPPORTUNITY!

Spider webs can be a problem area on many accounts. Web Out® can help speed up service by making web removal clean and easy, and helping to prevent spiders from attaching webs to treated surfaces. Web Out can even be used over water, so it's great for marinas!

Web Out is also a contact pesticide that kills spiders, mosquitoes, cockroaches and many other listed general pests.

Many PMPs are adding a spider control service to existing accounts to gain new revenue.



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APPLICATION:

Spray webs to make web removal clean and easy. After web is removed, spray surfaces to inhibit web attachment. Spray listed pests directly to kill them.

TARGET PESTS:



SPIDERS



WEBS



MOSQUITOES



GENERAL
PESTS



CREATING A WORLD OF
SUSTAINABILITY.



100 NISUS DRIVE • ROCKFORD, TN 37853
800.264.0870 • WWW.NISUSCORP.COM

WEB OUT®



- **Web remover & repellent**
- **Kills & prevents spiders, insects & surface fungus**

Active ingredients

| | |
|---|------|
| Thyme Oil (CAS No. 8007-46-3)..... | 2.0% |
| Lemongrass Oil (CAS No. 8007-02-1)..... | 2.0% |
| Citronella (CAS No. 8000-29-1)..... | 2.0% |
| Sodium Lauryl Sulfate (CAS No. 151-21-3)..... | 4.5% |

Other Ingredients

| | |
|---|--------------|
| Vinegar, Isopropyl Alcohol, Water | <u>89.5%</u> |
| Total | 100.0% |

**CAUTION
KEEP OUT OF REACH OF CHILDREN**

Product Information

Web Out kills spiders and prevents spider webs on any surface that may support spider web development. This product can also be used as a contact pesticide to kill ants, crickets, mosquitoes, cockroaches, perimeter pest insects and other general pests. It can be applied as a surface application to kill and prevent surface fungus such as mildew. **Web Out** may be applied in and around homes, offices, warehouses, buildings, schools, sheds, marinas, docks and boats, including outdoors and indoors around windows, eaves, soffit areas, playground equipment, garages, basements and storage areas. **Web Out** can be applied to metal, wood, painted surfaces, brick, stucco, fiberglass, concrete, paneling and other surfaces.

Web Out is an EPA 25(b) exempt product. This product has not been registered by the United States Environmental Protection Agency. Nisus Corporation represents that this product qualifies for exemption from registration under the Federal Insecticide, Fungicide, and Rodenticide Act. **Web Out** is biodegradable, non-toxic, non-corrosive and non-flammable. It can be applied around humans and pets. It may not be used on food, food crops, food contact surfaces or animal feed commodities..

Web Out prevents new spider web formation by inhibiting the adherence of the web to the treated surface. Apply **Web Out** prior to web removal to break down the web structure and simplify the cleaning of spider web areas, web residue and stains.

Product Application

This product is ready to use. Shake or agitate before and during use. Completely wet the areas to be treated. One quart covers approximately 200-300 square feet of surface area. Porous or rough surfaces may require more product. To reduce overspray on non-target surfaces and volatilization within living areas, apply **Web Out** with a sponge or brush. If overspray occurs on glass or other surfaces, clean surfaces with a warm, damp cloth. **Web Out** lasts up to 120 days on indoor surfaces and up to 30-90 days on outdoor surfaces (depending on environmental conditions).

For spiders and spider webs: Spray directly on existing spiders, webs and surrounding areas with **Web Out**, then use a bristle brush or broom to clean the area. Treated spiders will be killed. In high spider populations and webs

outdoors, re-treat areas after cleaning to extend efficacy. To kill spiders and other listed pests, spray directly on the pest.

User Precautions: Eye protection and nitrile or latex gloves are recommended when applying this product. Test an inconspicuous area for colorfastness before use. Product will produce a mild lemon/vinegar-like aroma that will dissipate in a short time.

First Aid: Product can cause mild eye irritation. If product gets into eyes, flush with water. If inhaled, move to fresh air and seek medical attention if necessary. If ingested, seek medical attention. If on skin, wash well with water. Seek medical attention if symptoms occur.

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. Do not freeze. **If empty:** Place in trash or offer for recycling if available.

WARRANTY LIMITATIONS AND 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, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

Inherent Risks of Use

The directions for use of this product 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 or the manner of use/application, all of which are beyond the control of the Manufacturer. The buyer/user 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.

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It is not intended that this product be used to practice any applicable patent, whether mentioned or not, without procurement of a license, if necessary, from the owner, following investigation by the user.

SPECIMEN LABEL



Nisus Corporation

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

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SAFETY DATA SHEET



WEB OUT®

Health Emergencies: INFOTRAC® (800) 535-5053

1. PRODUCT AND COMPANY INFORMATION

Product Identity: Nature's Element® Web Out®

Recommended use of the chemical and restrictions on use: Use to kill spiders, prevent spider webs on any surface. This product can also be used as a contact pesticide to kill pest insects and other general pests.

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:

| Physical | Health | Environment |
|---------------|--|----------------------------|
| Not Hazardous | Eye Damage Category 2 Skin Irritant Category 2 Skin Sensitization Category 3 | Aquatic Chronic Category 3 |

GHS Label Elements:



Signal Word: Warning

Statements of Hazard

H316 Causes mild skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

P261 Avoid breathing mists or spray.
P264 Wash hands thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves and eye protection.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P333 + P313 If skin irritation or rash occurs: Get medical attention.
P362 Take off contaminated clothing and wash before reuse.
P501 Dispose of contents and container in accordance with local and national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Component | CAS No. | Amount |
|----------------------------|-----------|--------|
| Water | 7732-18-5 | 30-40% |
| Vinegar/Dilute Acetic Acid | 8028-52-2 | 30-40% |
| Isopropanol | 67-63-0 | <10% |
| Sodium lauryl sulfate | 151-21-3 | <4.5% |
| Citronella Oil | 8000-29-1 | <3% |
| Lemongrass Oil | 8007-02-1 | <3% |
| Thyme Oil | 8007-46-3 | <3% |

The exact formulation is being withheld as a trade secret.

4. FIRST AID MEASURES

Eye: Immediately flush victim's eyes with large quantities of water for at least 15-20 minutes, while holding the eyelids apart. Remove contact lenses if easy to do so. Continue rinsing. Get immediate medical advice/attention.

Skin: Remove contaminated clothing and shoes. Flush thoroughly with water for several minutes. Get medical attention if irritation or rash occurs. Launder clothing before re-use.

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if you feel unwell.

Inhalation: Move victim to fresh air. Get medical attention if irritation develops.

Most Important Symptoms: Direct contact with eyes may cause moderate to severe irritation or burns with possible eye damage. May cause moderate skin irritation. May cause skin sensitization. Inhalation of mist or vapors may cause respiratory tract irritation.

Indication of immediate medical attention/special treatment: Immediate medical attention is required for eye contact.

5. FIRE FIGHTING MEASURES

Suitable (and Unsuitable) Extinguishing Media: Use media appropriate for surrounding fire. Cool fire exposed containers and structures with water.

Specific hazards arising from the chemical: This product is not flammable or combustible. A solid stream of water or foam directed into hot, burning liquids can cause frothing. Burning may produce oxides of carbon.

Special Protective Equipment and Precautions for Fire-Fighting Instructions: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Contain all runoff.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Evacuate spill area and keep unprotected personnel away. Avoid contact with the eyes, skin and clothing. Avoid breathing mists. Wear appropriate protective clothing as described in Section 8. Avoid releases to the environment.

Methods and Materials for Containment and Cleaning Up: Dike and collect liquid or absorb with an inert absorbent and place in appropriate containers for disposal. Prevent spill from entering sewers and water courses. Report releases as required by local, state and federal authorities.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with the eyes, skin and clothing. Avoid breathing mists. Wear protective clothing and equipment as described in Section 8. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Keep containers closed when not in use.

Nonrefillable container. Do not reuse containers. Product residues in empty containers can be hazardous. Follow all SDS precautions when handling empty containers.

Conditions for Safe Storage, Including Any Incompatibilities:

Store in a cool, dry, well-ventilated area away from incompatible materials. Keep out of reach of children and pets. Do not store in direct sunlight. Keep containers tightly closed. Protect from physical damage. Keep in locked storage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

| | |
|----------------|---|
| Acetic Acid | 10 ppm TWA, 15 ppm STEL ACGIH TLV 10 ppm TWA OSHA PEL |
| Isopropanol | 200 ppm TWA, 400 ppm STEL ACGIH TLV 400 ppm TWA OSHA PEL |
| Citronella Oil | None Established |
| Lemongrass Oil | None Established |
| Thyme Oil | None Established |

Engineering Controls: Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

Respiratory Protection: In operations where exposure levels are exceeded, a NIOSH approved respirator with dust/mist cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice. Refer to the product label for additional information.

Skin Protection: Wear nitrile or latex gloves.

Eye Protection: Wear safety goggles where splashing is possible.

Other: Wear long-sleeve shirts, long pants, socks and shoes when using this product. Suitable washing facilities should be available in the work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance And Odor: Clear to tan liquid, opaque when mixed with a lemon & vinegar odor

Physical State: Liquid **Odor Threshold:** Not established

Vapor Density: Not determined

Initial Boiling Point/Range: 212°F (100°C)

Solubility In Water: 100% forms emulsion

Vapor Pressure: Not determined

Relative Density: Not determined **Evaporation Rate:** Not determined

Melting/Freezing Point: Not determined **pH:** 6.0

Percent Volatile: ~15% as alcohol, acetic acid and essential oils, ~75% as water

Octanol/Water Coefficient: Not determined **Solubility:** Water

Decomposition Temperature: Not determined

Viscosity: Not determined **Flammability (solid, gas):** N/A

Flashpoint: >220°F (>104.4°C) TCC

Autoignition Temperature: None

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

10. STABILITY AND REACTIVITY

Reactivity: Not normally reactive

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: Material is not known to polymerize.

Conditions to Avoid: Exposure to strong oxidizing agents.

Incompatible Materials: Avoid strong oxidizing agents and strong acids.

Hazardous Decomposition Products: When heated to decomposition emits oxides of carbon.

11. TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:

Ingestion: Ingestion may cause gastrointestinal irritation, nausea and vomiting.

Inhalation: Inhalation of mists may cause irritation of the nose, throat and upper respiratory tract.

Eye: Causes serious irritation and burns with redness, pain and tearing. May cause permanent eye damage.

Skin: May cause moderate skin irritation. May cause an allergic skin reaction (sensitization)

Chronic: None known.

Sensitization: This material may cause sensitization.

Carcinogenicity: None of the components is listed as a carcinogen or suspected carcinogen by IARC, NTP or OSHA.

Germ Cell Mutagenicity: Not expected to cause germ cell mutagenicity.

Reproductive Toxicity: Not expected to cause reproductive toxicity.

Numerical Measures of Toxicity:

Product Toxicity Data:

Oral rat LD₅₀: >5000 mg/kg (calculated)

Component Toxicity Data:

Acetic Acid: Oral rat LD₅₀: 3310 mg/kg

Isopropanol: Oral rat LD₅₀: 5840 mg/kg

Citronella Oil: No toxicity data available

Lemongrass Oil: Oral rat LD₅₀: >5000 mg/kg, Dermal rabbit LD₅₀: >5000 mg/kg

Thyme Oil: Oral rat LD₅₀: 2840 mg/kg, Dermal rabbit LD₅₀: >5000 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Thyme Oil: 96 hr LC₅₀ Rainbow trout: 16.1 mg/L

This product is classified as harmful to the aquatic environment and harmful to the aquatic environment with long-lasting effects. Releases to the environment should be avoided.

Persistence and Degradability: No data available for mixture.

Bioaccumulative Potential: No data available for mixture.

Mobility in Soil: No data available for mixture.

Other Adverse Effects: No data available for mixture. \

13. DISPOSAL CONSIDERATION

Dispose in accordance with local, state and federal environmental regulations. The materials resulting from clean-up operations of a spill may be hazardous and, therefore, subject to specific regulations.

Package, store, transport and dispose of all clean-up materials and any contaminated equipment in accordance with all applicable federal, state, and local regulations. Shipments of waste materials may be subject to manifesting requirements per applicable regulations. Appropriate disposal will depend on the nature of the waste and should be performed by competent and properly permitted contractors.

Ensure that all responsible federal, state and local agencies receive proper notification of spill and disposal methods. Spills or releases should be reported, if required, to the appropriate local, state and federal regulatory agencies.

14. TRANSPORTATION INFORMATION

DOT Hazardous Materials Description: Not Regulated

15. REGULATORY INFORMATION

FIFRA: This product is a 25b exempt product.

CERCLA: This product has an RQ of 20,000 lbs (based on the RQ of Acetic acid of 5,000 lbs present at 15-25%). Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

SARA Hazard Category (311/312): Acute Health

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

EPA TSCA Inventory: All of the ingredients in this product are listed on the EPA TSCA Inventory.

16. OTHER INFORMATION

NFPA Rating: Health = 0 Flammability = 0 Instability = 0

HMIS Rating: Health = 1 Flammability = 0 Physical Hazard = 0

SDS Revision History: 02/28/15: New SDS
01/12/16: Revised

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2. Replacement of amount of product used.

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