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MATERIAL SAFETY DATA SHEET

Nature's Element™ Web Out™

Health Emergencies: CHEMTREC® (800) 424-9300

SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

MANUFACTURER: Nisus Corporation
100 Nisus Drive
Rockford, TN 37853
Emergency Telephone No.: (800) 264-0870

COMMERCIAL PRODUCT TRADE NAME:
Nature's Element™ Web Out™

EPA REGISTRATION NO. EPA 25(b) Exempt

CHEMICAL FAMILY: Aqueous mixture of essential oils

FORMULA: Proprietary Mixture

CAS NO.: See below

DOT HAZARD CLASSIFICATION: Not Regulated

HAZARD RATING: NFPA
Health 1 Slight hazard
Flammability 0
Reactivity 0

SECTION 2 – INGREDIENTS INFORMATION

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 89.5%
Total 100.0%

SECTION 3 – HEALTH HAZARD INFORMATION

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

EYE CONTACT: Causes mild eye irritation. Direct contact may cause tearing and redness in sensitive individuals. If product gets into eyes, flush with water.

SKIN CONTACT: This material is essentially non-irritating. Prolonged or repeated exposure to this material may cause softening of the skin. Persons with preexisting skin disorders may be more susceptible to the effects of this material. If on skin, was well with water.

INGESTION: Potentially harmful if ingested. Seek medical attention.

INHALATION: If inhaled, move to fresh air and seek medical attention if necessary.

SECTION 4 - EMERGENCY AND FIRST AID PROCEDURES

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.

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

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 possible, do not leave victim unattended.

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.

SECTION 5 - FIRE AND EXPLOSION DATA

FLASH POINT: Above 220°F (Tag Closed Cup)
FLAMMABLE LIMITS: Not known.
EXTINGUISHING MEDIA: CO₂, dry powder or universal type foam.
FIRE AND EXPLOSION HAZARDS: This material will not readily ignite.
FIRE FIGHTING PROCEDURES: Avoid inhaling smoke. The use of a SCBA is recommended for fire fighters. Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PRECAUTIONS IN CASE OF RELEASE OR SPILL: Absorb with liquid absorbent and dispose or dilute and wash away with water.

SECTION 7 - HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS:
Store in a cool dry area not accessible to children and pets.

SECTION 8 – EXPLOSION CONTROLS AND PERSONAL PROTECTION

The following personal protection is recommended:

RESPIRATORY PROTECTION: Good ventilation. When applying in confined spaces, provide ventilation or an exhaust system.
VENTILATION: Exhaust to ventilate.

PROTECTIVE GLOVES: Nitrile or latex gloves are recommended for use when applying this product.

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

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear to tan liquid, milky when mixed
% VOLATILE: ~15% as alcohol, acetic acid and essential oils, ~75% as water
VAPOR PRESSURE: ND **BOILING POINT:** 212° F
ODOR: Lemon & vinegar
% SOLUBILITY IN WATER: 100% forms emulsion
pH: 6.0

SECTION 10 - STABILITY AND REACTIVITY DATA

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.

SECTION 11 - TOXICOLOGICAL INFORMATION

Web Out is of very low acute mammalian toxicity, estimated to be >5000 mg/kg.

Acute oral LD₅₀ ND

Acute dermal LD₅₀ - ND

Acute inhalation LC₅₀ – ND

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: Principle components are water, essential oils, vinegar and surfactant. All are biodegradable.

Phytotoxicity: None known

Algal Toxicity: ND

Invertebrate Toxicity: ND

Fish Toxicity: ND

In the event of accidental environmental release, dilute with water.

SECTION 13 – DISPOSAL CONSIDERATION

WASTE DISPOSAL METHOD: Unopened containers may be returned to Nisus corporation for reprocessing. Contact your State Pesticide, Environmental Control Agency or local authorities for proper disposal guidelines. Most sewage facilities will allow discharge to sewage of small volumes.

SECTION 14 – TRANSPORTATION INFORMATION

DOT Hazard Classification: Not Regulated

SECTION 15 – REGULATORY INFORMATION

EPA Registration No. EPA 25b Exempt

Chemical Family: Aqueous mixture of essential oils

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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