

SAFETY DATA SHEET

SWAMP GNAT INSECT REPELLENT II



Section 1: IDENTIFICATION

Trade Name: Swamp Gnat Insect Repellent II

Product code: SNAT-6

Recommended use: Outdoor Protectant

Section 2: HAZARDS IDENTIFICATION

Hazards classification: Mild skin (Cat.3) & eye (Cat.2B) irritation

Flammability: Class 2; Environmental (Cat 3)

Signal Word: DANGER

Hazard statements: Mild skin and eye irritation. Flammable liquid and vapor. Hazardous to aquatic environment with long lasting effects.

Pictogram(s):  Flammable  Irritant  Environmental

EMERGENCY OVERVIEW

Acute/Potential Health Effects:

Skin: Can be irritating upon prolonged exposure.

Eyes: Can be irritating upon contact.

Inhale: Over-exposure may cause headache, dizziness, nausea, unconsciousness

Ingest: May irritate stomach and intestines. If swallowed or vomited, liquid can enter the lungs (aspiration). Serious lung damage can occur if this happens.

Chronic Effects of Overexposure:

May be toxic to kidneys lungs, and blood. Repeated or prolonged exposure can produce target organ damage, defatting of skin and skin irritation.

EYES: This product is an eye irritant

SKIN: None expected, however prolonged contact may cause irritation

INHALATION: None expected, however, certain individuals may experience minor nausea or headaches

INGESTION: May cause gastric distress, vomiting and diarrhea.

Carcinogenic effects: None of the ingredients are listed as carcinogens by IARC, NTP, or OSHA

Section 3: COMPOSITION, INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	%BY WGHT.
2-propanol	67-63-0	70.00
Isopropyl myristate	110-27-0	10.00
Geraniol	106-24-1	0.02
Soybean Oil	8001-22-7	18.94
Rosemary	8000-25-7	0.02
Lemongrass Oil	8007-02-1	0.02
Geranium Oil	8000-46-2	1.00

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Section 4: FIRST AID MEASURES

Skin: Wash contaminated area with soap or mild detergent. Get medical attention if irritation develops.

Eyes: Check for and remove contact lens. Immediately flush with plenty of water for at least 15 minutes. Get medical attention if irritation develops.

Inhale: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Get medical attention.

Ingest: If product is swallowed, do not induce vomiting. If vomiting occurs keep head lower than hips to help prevent aspiration. If individual is alert, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention at once.

Section 5: FIRE FIGHTING MEASURES

Flash Point: Liquid fill material-53° F(11.7°C)

Flammable Limits: Liquid fill material- LEL: 2% UEL 12%

Fire Fighting Procedure: In case of fire use water spray, dry chemical, or CO2. Cool closed containers exposed to fire with water.

Fire Hazard: Vapors heavier than air and may travel along ground and ignite pilot light or other flame sources.

Section 6: ACCIDENTAL RELEASE MEASURES

Spill Clean Up: Wear appropriate protective equipment. Absorb with an inert material and put spilled material in appropriate waste disposal.

Section 7: HANDLING AND STORAGE

Handling: Avoid contact with eyes and mouth. Avoid breathing spray mists. Keep container closed.

Storage: Keep container in cool well ventilated area. Keep container tightly closed. Store away from incompatible materials. Keep away from heat and open flame. Keep out of the reach of children.

Section 8: EXPOSURE CONTROLS and PERSONAL PROTECTION

Eye Protection: Tight fitting safety goggles are recommended if splashing may occur.

Protective Clothing: NA

Respiratory: Use with adequate ventilation.

Component	TLV/PEL ppm
2-propanol	400
Geraniol	No data
Soybean Oil	15 mg/m3 mist
Rosemary	No data
Lemongrass Oil	No data
Geranium Oil	No data

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Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid fill-clear liquid.
Odor; Lemongrass
Odor threshold: N/D
pH: N/A
Melting point/freezing point: N/D
Specific gravity: 0.98
Initial boiling point and boiling range: 180°F(82.2°C)
Flash point: Liquid fill- 53°F(11.7°C)
Evaporation rate: N/D
Flammability (solid, gas): N/A
Upper/lower flammability or explosive limits: Liquid fill -LEL:2% UEL 12%
Vapor pressure: N/D
Vapor density: N/D
Relative density: N/D
Solubility(ies):somewhat soluble
Partition coefficient: n-octanol/water: N/D
Auto-ignition temperature: N/D
Decomposition temperature: N/D
Viscosity: N/D

Section 10: Stability and REACTIVITY

Stability: Stable
Incompatibility: strong oxidizing agents
Polymerization: Will not occur
Hazardous Decomposition: carbon monoxide, carbon dioxide

Section 11: TOXICOLOGICAL INFORMATION

Likely routes of exposure:
Delayed, immediate, long-term effects from short, long term exposure:
LD50, etc: Data not available
Symptoms of exposure: No data available
Whether Listed in NTP, IARC programs (Carcinogens): None Listed

Section 12: ECOLOGICAL INFORMATION

Toxicity data, if available: Hazardous to the aquatic environment with lasting effects. Accumulation in aquatic organisms is expected.

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Liquid wastes are not permitted in landfill. Consult local, state, and federal agencies for proper disposal in your area.
Classification: D001

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Section 14: TRANSPORTATION INFORMATION

DOT*

Proper shipping name: Isopropanol

Class: 3

Packing group: II

UN number: 1219

IATA:

Proper shipping name: Isopropanol

Class: 3

Packing group: II

*Note: Shipped as ORM-D (no bulk shipments)

Section 15: REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA (Toxic Substances Control Act): The intentional ingredients of product are listed.

Title III Section 311/312 Hazardous Categories -40 CFR 370.2:

ACUTE () Chronic () Fire () Pressure () Reactive () Not Applicable (x)

(1) Title III Section 302/304 Extremely Hazardous Substances - 40 CFR 355

Appendix A:

(2) Title III Section 313 Toxic Chemicals - 40 CFR 372.65

If indicated under Section 2 of this MSDS, this product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right to Know Act of 1986. This information must be included in all MSDS that are copied and distributed for this material. NONE

RCRA Status: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes a hazardous waste it would be assigned RCRA Code(s): D001

State and Local Regulations: Certain states maintain their own ingredient lists which differ slightly from the Federal standards. If indicated under Section 2 of this MSDS, states listed below may have regulations on ingredients contained in this product. Check with your state for any additional regulations
California proposition 65 (Safe Drinking Water & Toxic Enforcement Act of 1986

Section 16: OTHER INFORMATION

This information was compiled from current manufacturer's MSDS's of the component parts of the product. Disclaimer: The Manufacturer believes that the information contained in the Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

Preparation Date: 4/20/2015

Replaces: 4/17/2015