



Issue Date: 1st October 2023
Revision: 4

Material Safety Data Sheet – Organic SHOO! Insect Repellent 250ml & 500ml

1. Identification of the material and supplier

All product names:

Organic SHOO! Insect Repellent 250ml & 500ml

Supplier details:	Liz Harper, trading as Lil'Bit Better 330 Springfield Road, Nunawading, Victoria, Australia, 3131
Emergency telephone number:	+61 420 932 552
Material use(s):	Air freshener/linen spray
Date of issue:	1st October 2023

2. Hazards identification

Hazard class/category: *Not classified as hazardous, according to the criteria of GHS, nor classified as dangerous goods according to the ADG Code.*

Hazard statements: *Not classified as hazardous, according to the criteria of GHS, nor classified as dangerous goods according to the ADG Code.*

Signal words: None

Precautionary statements:

- General:**

P101	If medical advice is needed, have a product container or label at hand.
P102	Keep out of reach of children.
P103	Read labels before use.

- Prevention:** No precautionary statements.
- Response:** No precautionary statements.
- Storage:** No precautionary statements.
- Disposal:** No precautionary statements.



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3. Composition/information on ingredients

<i>Ingredient Identity</i>	<i>CAS No.</i>	<i>Percent (v/v)</i>
Distilled Water	7732-18-5	95%
Witch Hazel Extract Distillate (Dilution)	84696-19-5	<1%
Ethanol (Dilution of 14% in Witch Hazel Base Above)	64-17-5	<1%
Organic French Lavender (<i>Lavandula Angustifolia</i>) Essential Oil	8000-28-0	1.4%
Organic Rose Geranium (<i>Pelargonium X Asperum</i>) Essential Oil	8000-46-2	1.4%
Organic Citronella Java (<i>Cymbopogon Winterianus</i>)	8000-29-1	1.4%
Organic Cochin Lemongrass (<i>Cymbopogon flexuosus</i>)	8007-02-1	1.4%
Organic French Rosemary (<i>Rosmarinus Officinalis</i>)	8000-25-7	1.4%
Organic Lemon Eucalyptus (<i>Eucalyptus Citriodora</i>).	85203-56-1	1.4%
Ingredients, determined not to be hazardous according to GHS criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.		

4. First-aid measures

Eye contact: Flush victim's eyes with water for 15 minutes, while holding the eyelids apart. Remove contact lenses if present and easy to do so. Continue rinsing. Get medical attention if irritation persists.

Skin contact: None normally required. For excessive unintentional exposures, wash skin with water.

Inhalation: Remove to fresh air. Get medical attention if irritation or symptoms occur.

Ingestion: If small quantities are swallowed, rinse out mouth with water. Do not induce vomiting unless directed to by a doctor or physician. Seek medical attention for large ingestions.

Most Important Symptoms and Effects, Both Acute and Delayed: Causes eye irritation. May be mildly irritating to skin, and upper respiratory tract. Ingestion may result in nervous system effects including headache, sleepiness, dizziness, slurred speech, and blurred vision.

Indication of Any Immediate Medical Attention and Special Treatment Needed: Immediate medical attention should not be required.



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5. Fire-fighting measures

Extinguishing media: Use water spray, fog or mist, alcohol foam, or dry chemicals to extinguish.

Special hazards: Flammable liquid and vapor. This product is classified as a flammable liquid and vapor but will not sustain combustion. Vapors may accumulate in confined areas and present a fire or explosion hazard. Vapors may be heavier than air and travel along surfaces to remote ignition sources and flashback. Exposure to high temperatures may release flammable hydrocarbons that can accumulate in confined areas and present a fire or explosion hazard. Burning may release hydrocarbons, and oxides of carbon.

Special protective equipment for fire-fighters: Firefighters should wear full emergency equipment and approved positive pressure self-contained breathing apparatus for all fires involving chemicals.

Hazardous decomposition products: This mixture is not combustible under normal conditions. However, it will break down under fire conditions and the hydrocarbon component will burn. In a large fire, heating may produce toxic fumes. Wear self-contained breathing apparatus and complete protective personal equipment.

6. Accidental release measures

Personal precautions: Avoid breathing vapors, or mist. Ventilate the area. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Keep unnecessary personnel away.

Environmental precautions: Do not flush large quantities into surface water or sanitary sewer systems. Prevent large quantities of product from entering drains. For smaller quantities, drench with water making sure washings enter the drain only when very dilute.

Methods for containment and cleaning: Stop spill at source if safe to do so. Contain spill and pump liquid into a suitable container or absorb with an inert absorbent and place in a suitable container. Clean spill area with water.

7. Handling and storage

Precautions for Safe Handling: Keep away from heat, sparks, and open flame. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid breathing vapors and mists. Wash exposed skin thoroughly with soap and water after use. Wear appropriate personal protective equipment as specified in Section 8. Observe good industrial hygiene practices.

Conditions for Safe Storage, Including Any Incompatibilities: Store in a cool, dry, well-ventilated area. Keep the container tightly closed. Store away from oxidizing agents and other incompatible materials. Keep away from open flames, sparks, and excessive heat. Store in containers made of stainless steel, HDPE, PET, or glass.

Specific End Use(s): Insect deterrent

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8. Exposure controls/personal protection

Occupational exposure limits: Occupational Exposure Limits:

Witch Hazel Distillate None Established

Ethanol 1000 ppm ACGIH STEL 1000 ppm OSHA PEL

Biological Exposure Limits: None Established.

Engineering measures: No special ventilation requirements.**Hygiene measures:** Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Appropriate techniques should be used to remove potentially contaminated clothing.

Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection: Eyes: Recommended Safety glasses.**Hands:** No special protective clothing is required.**Respiratory:** A respirator is not needed under normal and intended conditions of product use.**Skin:** No special protective clothing is required.

9. Physical and chemical properties

- **Appearance:** Clear to slightly cloudy liquid
- **Odour:** Characteristic, herbal/floral
- **Odour threshold:** Not applicable
- **Color:** Clear to slightly cloudy liquid
- **pH:** 3.0 – 5.0
- **Melting point/freezing point:** Not applicable
- **Initial boiling point and boiling range:** Not applicable
- **Flash point:** 194F (90.55C)
- **Evaporation rate:** Not applicable
- **Flammability:** Not applicable
- **Upper/lower flammability or explosive limits:** Not applicable
- **Vapor pressure:** Not applicable
- **Vapor density:** Not applicable
- **Specific gravity:** Not applicable
- **Solubility:** Soluble in water
- **Partition coefficient:** Not applicable
- **Auto-ignition temperature:** Not applicable
- **Decomposition temperature:** Not applicable
- **Viscosity:** Not applicable

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10. Stability and reactivity

Stability: Stable under normal conditions.

Conditions to avoid: Heat, flames, sparks, and other sources of ignition.

Materials to avoid: None identified.

Hazardous decomposition products may include the following material(s): None identified.

Hazardous Reactions: No hazardous reactions expected.

11. Toxicological information

Acute toxicity: No information available.

Skin corrosion/irritation: No information available.

Serious eye damage/irritation: No data available

Respiratory or skin sensitization: No data available

Germ cell mutagenicity: No data available

Carcinogenicity: None of the components of this product are listed as carcinogens by OSHA, IARC, or US NTP.

Reproductive toxicity: No data available

Specific Target Organ Toxicity (STOT) – single exposure: No data available

Specific Target Organ Toxicity (STOT) – repeated exposure: No data available

Aspiration hazard: No data available.

12. Ecological information

Bio accumulative Potential: No bioaccumulation potential.

Persistence/degradability: Readily biodegradable.

Mobility in Soil: No data is currently available.

13. Disposal considerations

Methods of disposal: Dispose in accordance with national and local regulations.

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14. Transport information

Required labels: Not applicable

HAZCHEM code: Not applicable

Marine pollutant: Not applicable.

UN number: Not applicable

UN proper shipping name: Not applicable

ADG environmental hazards: Not applicable

Special precautions for users:

Special provision 49 CFR 173.150 (e) – Aqueous solution containing greater than 50% water and less than 24% alcohol and no other hazardous material. Special provision A58. Ethanol aqueous solutions containing 24% or less alcohol by volume. Under the sustained combustibility test L2 the product does not support combustion, therefore the material is classified as “Non-Hazardous” for transportation.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not classified.

15. Regulatory information

There are no additional regulations on any substances within this product that are known.

16. Other information

Prepared by: Regulatory Affairs

Date of previous issue: Not applicable

Change Made: None available.

Definitions and abbreviations:

- ADG Code - Australian Transport of Dangerous Goods
- Adopted National Exposure Standard for Atmospheric Contaminants in the Occupational Environment
- Approved Criteria for Classifying Hazardous Substances
- List of Designated Hazardous Substances
- National Code of Practice for the Labeling of Workplace Substances
- National Code of Practice for the Preparation of Material Safety Data Sheets
- National Model Regulations for the Control of Scheduled Carcinogenic Substances
- National Model Regulations for the Control of Workplace Hazardous Substances
- Standard for the Uniform Scheduling of Drugs and Poison

Disclaimer: *The above information is believed to be correct with respect to the formula used to manufacture the*

product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

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