

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Identity EnviroSafe Citronella Mosquito Repellent

Alternate Names EnviroSafe Citronella Mosquito Repellent

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended Uses and Uses Advised Against See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name Tradeware
46 Birralelee Rd Regency Park SA 5010

24 hour Emergency Telephone No. 131126 (Poisons Information Centre – 24 hours)
000 (Transport, fire, ambulance only)

Customer Service +86 1300658494

Email Address info@tradeware.com.au

Section 2. Hazard identification of the product

2.1. Classification of the substance or mixture

Classification in accordance with the Australian WHS Act and the Work Health and Safety Regulations (the WHS Regulations).

Skin Irrit. 2;H315 Causes skin irritation.
Eye Dam. 1;H318 Causes serious eye damage.
Skin Sens. 1B;H317 May cause an allergic skin reaction.

2.2. Label elements



Danger

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

P273 Avoid release to the environment.

P310 Immediately call a POISON CENTER, doctor or physician.

P391 Collect spillage.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.
P280 Wear protective gloves, eye protection, and face protection.
P261 Avoid breathing dust, fume, gas, mist, vapors, spray.
P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

2.3. Other hazards

This product contains no PBT/vPvB/vPvM chemicals.

This product contains no endocrine disrupting chemicals.

Section 3. Composition/information on ingredients

If the product contains substances that present a hazard according to the WHS Regulations, they are listed below.

| Ingredient | CAS Number | Concentration (%w/w) |
|----------------|------------|----------------------|
| Citronella oil | 8000-29-1 | 50 - 75 |
| Cedar wood oil | 8000-27-9 | 10 - 25 |
| Oils, geranium | 8000-46-2 | 10 - 25 |

In accordance with the WHS Regulations, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

*PBT/vPvB - PBT,vPvB, or vPvM-substance.

The full texts of the phrases are shown in Section 16.

Section 4. First aid measures

4.1. Description of first aid measures

General Information:

If you think you may have been poisoned, burned or irritated by this product, call the Poisons Information Centre. 13 1126 from anywhere in Australia (0800 764 766 in New Zealand). Have the SDS with you when you call.

Inhalation: Remove source of contamination. If irritation occurs, move victim to fresh air and keep at rest in a position comfortable for breathing. For breathing difficulties, oxygen may be necessary. Call a physician if symptoms develop or persist.

Skin Contact: Remove contaminated clothing. Wash affected area with plenty of soap and water. Obtain medical attention if irritation develops or persists.

Eye Contact: Immediately flush eyes with running water for several minutes, holding eyelids open and occasionally lifting the upper and lower lids. Remove contact lenses if present and easy to do. Continue rinsing for 10 - 15 minutes. If eye irritation persists, get medical advice/attention.

Ingestion: Call a physician or poison control center immediately. If swallowed rinse mouth with water (only if the person is conscious). Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs.

Advice to Doctor: Treatments should be based on observed signs and symptoms of distress in the patient.

4.2. Most important symptoms and effects, both acute and delayed

| | |
|-----------------|---|
| Overview | No specific symptom data available. No chronic toxicity or long term toxicity information available. Treat symptomatically. See section 2 for further details. |
| Eye | Causes serious eye damage. |
| Skin | May cause an allergic skin reaction. Causes skin irritation. |

4.3. Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically.

Section 5. Fire-fighting measures

Fire and Explosion Hazards: In case of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Static charges generated by emptying package in or near flammable vapor may cause flash fire. Use water spray to cool unopened containers. Water runoff can cause environmental damage. Ventilate closed spaces before entering them. Keep run-off water out of sewers and water sources. Dike for water control.

Suitable Extinguishing Media: Water spray, fog, CO₂, dry chemical, or alcohol resistant foam. Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical: Fire may produce irritating, corrosive and/or toxic gases. Do not breathe fumes from fires or vapors from decomposition.

Special protective equipment and precautions for firefighters: Wear SCBA and chemical splash suit. SCBA and structural firefighter's uniform may provide limited protection.

Section 6. Accidental release measures

Accidental release: Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area).

Ensure adequate ventilation. Do not touch or walk through spilled material. This product is sold in small packages, and the accidental release from one of these is not usually a cause for concern. Although special protective clothing is not normally necessary because of occasional minor contact with this product, it is good practice to wear impermeable gloves when cleaning up spills.

For minor spills, Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Dispose of contaminated absorbent material in the garbage bin.

In the event of a **major spill**, stop leaking if you can do so without risk. Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps and place into containers.

Never return spills in original containers for re-use. This material and its container must be disposed of as hazardous waste.

Retain and dispose of **contaminated wash water**. Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water.

Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

Section 7. Handling and storage

Handling: Do not handle or store near an open flame, heat or other sources of ignition. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wash thoroughly after **handling**. **Storage:** Keep in the original container. Store in a cool, dry and well-ventilated place, out of direct sunlight. Keep container tightly closed when not in use – check regularly for spills. Keep away from incompatible materials (see SECTION 10).

Keep container closed. Handle containers with care. Open slowly in order to control possible pressure release. Store in a cool, well-ventilated area.

Section 8. Exposure controls / personal protection

8.1. Exposure controls

| | |
|-----------------------------|---|
| Respiratory | If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators. |
| Eyes | Protective safety glasses recommended |
| Skin | Avoid skin contact. Wear PVC or rubber gloves to keep skin contact to a minimum. Refer to the manufacturer's recommendations regarding the suitability of any gloves used. |
| Engineering Controls | Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn. |
| Other Work Practices | Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse. |

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|--|
| Physical State | Liquid |
| Color | Clear |
| Odor | Citrus |
| Odor threshold | No available information |
| pH | No available information |
| Melting point / freezing point | No available information |
| Initial boiling point and boiling range | No available information |
| Flash Point | No available information |
| Evaporation rate (Ether = 1) | No available information |
| Flammability (solid, gas) | Not Applicable |
| Upper/lower flammability or explosive limits | Lower Explosive Limit: No available information Upper Explosive Limit: No available information |
| Vapor pressure (Pa) | No available information |
| Vapor Density | No available information |

| | |
|--|--------------------------|
| Relative Density | No available information |
| Solubility in Water | No available information |
| Partition coefficient n-octanol/water (Log Kow) | No available information |
| Auto-ignition temperature | No available information |
| Decomposition temperature | No available information |
| Viscosity (cSt) | No available information |
| Oxidising properties | No available information |
| Explosive properties | No available information |

9.2. Other information

No other relevant information.

Section 10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No available information

10.4. Conditions to avoid

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

10.5. Incompatible materials

No available information

10.6. Hazardous decomposition products

No hazardous decomposition data available.

Section 11. Toxicological information

Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

| Ingredient | Oral LD50, mg/kg | Skin LD50, mg/kg | Inhalation Vapour LC50, mg/L/4hr | Inhalation Dust/Mist LC50, mg/L/4hr | Inhalation Gas LC50, ppm |
|------------------------------|-----------------------------------|-----------------------|--|---|--------------------------------|
| Cedar wood oil - (8000-27-9) | No data available. | No data available. | No data available. | No data available. | No data available. |
| Citronella oil - (8000-29-1) | No data available. | No data available. | No data available. | No data available. | No data available. |
| Oils, geranium - (8000-46-2) | > 5,000.00, Rat - Category: NA | No data available. | No data available. | No data available. | No data available. |

Carcinogen Data

| CAS No. | Hazardous Ingredients | Source | Value |
|-----------|-----------------------|--------|---------------------------|
| 8000-27-9 | Cedar wood oil | OSHA | Regulated Carcinogen: No; |

| | | | |
|-----------|----------------|-------|---------------------------|
| | | NTP | Known: No; Suspected: No; |
| | | IARC | No |
| | | ACGIH | No Established Limit |
| 8000-29-1 | Citronella oil | OSHA | Regulated Carcinogen: No; |
| | | NTP | Known: No; Suspected: No; |
| | | IARC | No |
| | | ACGIH | No Established Limit |
| 8000-46-2 | Oils, geranium | OSHA | Regulated Carcinogen: No; |
| | | NTP | Known: No; Suspected: No; |
| | | IARC | No |
| | | ACGIH | No Established Limit |

| Classification | Category | Hazard Description |
|-------------------------------|----------|--------------------------------------|
| Acute toxicity (oral) | --- | --- |
| Acute toxicity (dermal) | --- | --- |
| Acute toxicity (inhalation) | --- | --- |
| Skin corrosion/irritation | 2 | Causes skin irritation. |
| Serious eye damage/irritation | 1 | Causes serious eye damage. |
| Respiratory sensitization | --- | --- |
| Skin sensitization | 1B | May cause an allergic skin reaction. |
| Germ cell mutagenicity | --- | --- |
| Carcinogenicity | --- | --- |
| Reproductive toxicity | --- | --- |
| STOT-single exposure | --- | --- |
| STOT-repeated exposure | --- | --- |
| Aspiration hazard | --- | --- |

11.2 Information on other hazards

11.2.1. Endocrine disrupting properties

This product contains no endocrine disrupting chemicals.

Section 12. Ecological information

12.1. Toxicity

Toxic to aquatic life with long lasting effects.

Toxic to aquatic life

Aquatic Ecotoxicity

| Hazardous Ingredients | 96 hr LC50 fish, mg/L | 48 hr EC50 crustacea, mg/L | ErC50 algae, mg/L |
|------------------------------|--------------------------|-------------------------------|---------------------------------|
| Cedar wood oil - (8000-27-9) | No data available. | No data available. | No data available. |
| Citronella oil - (8000-29-1) | No data available. | No data available. | No data available. |
| Oils, geranium - (8000-46-2) | No data available. | 14.50, Daphnia magna | 30.40, Raphidocelis subcapitata |

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

No available information

12.4. Mobility in soil

No available information

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB/vPvM chemicals.

12.6 Endocrine disrupting properties

This product contains no endocrine disrupting chemicals.

12.7. Other adverse effects

No available information

Section 13. Disposal considerations

Disposal: Dispose of small quantities and empty containers by wrapping them with paper and putting in garbage. For larger quantities, dispose of in accordance with the national and local regulations. Leave chemicals in original containers. Handle uncleaned containers like the product itself.

Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container.

Section 14. Transport information

This product is not a Dangerous Good.

Consult the ADG 7.9, IMDG and ICAO/IATA Codes for all the transport requirements for the specified UN Number.

This product is not a Hazardous Substance.

| | Land Transport (ADG 7.9) | Sea Transport (IMDG) | Air Transport (ICAO/IATA) |
|--|--|--|--|
| 14.1. UN number | Not Regulated | Not Regulated | Not Regulated |
| 14.2. UN proper shipping name | Not Regulated | Not Regulated | Not Regulated |
| 14.3. Transport hazard class(es) | Class: Not Applicable Sub Class: Not Applicable | Class: Not Applicable Sub Class: Not Applicable | Class: Not Applicable Sub Class: Not Applicable |
| 14.4. Packing group | Not Applicable | Not Applicable | Not Applicable |
| 14.5. Environmental hazards | IMDG Marine Pollutant: No; | | |
| 14.6. Special precautions for user | No available information | | |
| 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not Applicable | | |

Section 15. Regulatory information

This SDS was prepared in line with the approved Code of Practice under section 274 of the Work Health and Safety Act (WHS Act).

Section 16. Other information

Revision Date 08/01/2026

Revision Number

The full text of the phrases appearing in section 3 is:

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

Based on the latest knowledge and information available to us, the materials provided in this safety data sheet are believed to be accurate, but not guaranteed to be absolutely accurate. This information is intended solely as a guide for safe handling, use, processing, storage, transportation, disposal, and release and does not constitute a warranty or quality specification. Please note that the guidelines provided apply only to specific substances and may not be applicable in the case of mixtures or all situations unless otherwise stated in the document.

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