

## Material Safety Data Sheet

Ozzie Therapeutic Products  
31 Lawrence St  
Gosnells WA 6110

Phone: 0411 629 284

**Substance:** Mixture of various essential oils.  
**Trade Name:** **Ozzie Mozzie Repellant**  
**Product Use:** Used as an all over body mosquito repellent spray.

### Hazards Identification

#### Statement of Hazardous Nature

Flammability: Flammable Liquid Class 3

### Emergency Overview

**Physical Description & Colour:** Clear colourless to pale yellow liquid.

**Odour:** Pleasant, herbal fragrance.

**Major Health Hazards:** no significant risk factors have been found for this product.

### Potential Health Effects

**Acute:**

- Swallowed:** May produce toxic effects if ingested especially in children.
- Eye:** Severe irritant.
- Inhalation:** No data available.
- Skin:** Acute dermal LD50 in rabbits 2000 mg/kg
- Skin Irritation:** Extremely low irritant.

**Chronic:**

- Skin Sensitivity:** Mild allergan.
- Skin Irritation:** Extremely low irritant substance.
- Mutagenicity:** Not mutagenic by the Ames test.

#### Carcinogen Status:

**NOHSC:** No significant ingredient is classified as carcinogenic by NOHSC.

**NTP:** No significant ingredient is classified as carcinogenic by NTP.

**IARC:** No significant ingredient is classified as carcinogenic by IARC.

### Composition/Information on Ingredients

#### Ingredients

Tea tree oil  
Eucalyptus oil  
Camphor oil  
Lavender oil  
Spearmint oil

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

The TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

## First Aid Measures

### General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this MSDS with you when you call.

**Inhalation:** Remove to fresh air. If in doubt, contact a Poisons Information Centre or a doctor.

**Skin Contact:** Wash well with soap and water. If in doubt, contact a Poisons Information Centre or a doctor.

**Eye Contact:** Flush eyes with water for 15 minutes. See a doctor immediately.

**Ingestion:** Do not induce vomiting. Give a glass of water. See a doctor immediately.

## Fire Fighting Measures

**Fire and Explosion Hazards:** Product is flammable. May produce fumes of carbon monoxide and carbon dioxide.

**Extinguishing Media:** Use water spray, dry chemical or carbon dioxide.

**Fire Fighting:** If a significant quantity of this product is involved in a fire, call the fire brigade.

**Flash point (closed cup):** 57 °C

**Flammability Class:** Class 3 Flammable liquid

## Handling and Storage

Product is Class 3 Flammable liquid. Must be stored and transported in accordance with the requirements for flammable liquids given in the Australian Dangerous Goods Code.

Spills and Disposal: For small spills, wash area with detergent and water.  
For large spills, contain with earth, sand or similar inert absorbent material.  
Dispose of solid waste in accordance with statutory requirements.  
Flush spilled area with water.

## Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Industrial Clothing: **AS2919**, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

**Exposure Limits Not available**

**Ventilation:** Product is flammable. Use only in a well-ventilated area. Wash area well with hot water and detergent and check for residual vapours with an explosion meter before carrying out maintenance.

**Eye Protection:** Use safety goggles.

**Skin Protection:** Use chemical resistant gloves.

**Respirator:** Usually, None required when used in well-ventilated area. Use approved half face respirator if using in confined spaces

## Physical and Chemical Properties

**Physical Description & colour:** Clear colourless to pale yellow liquid.

**Odour:** Pleasant, herbal fragrance.

**Vapour Density:** No data.

**Relative Density:** 0.9029

**Water Solubility:** Not soluble in water.

**pH:** N/A

**Flash Point (closed cup):** 57°C

**Firepoint:** 68°C

## Stability and Reactivity

**Reactivity:** This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

**Conditions to Avoid:** This product should be kept in a cool place, preferably below 30°C. Containers should be kept dry.

**Incompatibilities:** No particular Incompatibilities.

**Polymerisation:** This product will not undergo polymerisation reactions.

## Toxicological Information

**Local Effects:**

**Target Organs:** There is no data to hand indicating any particular target organs.

## Classification of Hazardous Ingredients

Ingredient

Risk Phrases

No ingredient mentioned in the List of Designated Hazardous Substances is present in this product at hazardous concentrations.

## Ecological Information

Insufficient data to be sure of status.

## Disposal Considerations

**Disposal:** Containers should be emptied as completely as practical before disposal. If possible, recycle containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site. This product should be suitable for landfill. However, check with local Waste Disposal Authority before sending there. Note that product properties may have been changed in use significantly altering it's suitability for landfill. Please do NOT dispose into sewers or waterways.

## Transport Information

**ADG Code:** This product is not classified as a Dangerous Good. No special transport conditions are necessary unless required by other regulations.

## Regulatory Information

**AICS:** All of the significant ingredients in this formulation are to be found in the public AICS Database.

## Other Information

**This MSDS contains only safety-related information. For other data see product literature.**

### Acronyms:

<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>CAS Number</b>	Chemical Abstracts Service Registry Number
<b>IARC</b>	International Agency for Research on Cancer
<b>NOHSC</b>	National Occupational Health and Safety Commission
<b>NTP</b>	National Toxicology Program (USA)
<b>R-Phrase</b>	Risk Phrase
<b>SUSDP</b>	Standard for the Uniform Scheduling of Drugs & Poisons
<b>UN Number</b>	United Nations Number

THIS MSDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS MSDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.