



## Safety Data Sheet – Heat Balm

### 1. Identification

#### Heat Balm

**Intended Use:** Cosmetic products, Massage Balm intended to produce a warming sensation on the skin.

#### **Manufacturer / Distributor:**

**Name:** Tui Balms  
**Address:** Wainui Bay  
RD1 Takaka, New Zealand  
**Phone:** 0064 3 525 9654  
**Email:** production@tuibalms.co.nz  
**Website:** www.tuibalms.co.nz

**Emergency Contacts:** Emergency Services (Fire, Ambulance, Police) – Dial 111  
National Poisons Information Centre – 0800 764 766 (0800 POISON)  
Company Contact – 0064 3 525 9654

### 2. Hazard Identification

**Statement of Hazardous Nature:** Classified as hazardous according to the Hazardous Chemical Information System (HCIS), classified in accordance with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) 3rd Revised Edition.

**Hazard Classification:**  
Skin sensitisation category 1

**Hazard Statements:**  
May cause an allergic skin reaction.

**Prevention Statements:**  
Avoid breathing vapours.  
Contaminated work clothing should not be allowed out of the workplace.  
Wear protective gloves.

### 3. Composition & Information on Ingredients

Ingredient	CAS Number	Concentration (%)
Menthol	89-78-1	<4
Arnica	8057-65-6	<2
Black pepper oil	8006-82-4	<2
Capsicum oleoresin	8023-77-6	<2
Cajuput oil	8008-98-8	<2
Camphor oil	8008-51-3	<1
Ginger oil	8007-08-7	<1
Peppermint oil	8006-90-4	<1
Wintergreen Oil	68917-75-9	<1
Non-hazardous substances	-	to 100%

### 4. First Aid Measures

This product is intended to be applied to the skin as a massage balm to promote a warming sensation.  
If medical advice is needed, have product container or label at hand.

**New Zealand Poisons & Hazardous Chemicals  
National Information Centre**  
phone 0800 POISON – 0800 764 766

**Skin:** IF ON SKIN Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.

Take off all contaminated clothing and wash it before reuse."

**Eyes:** IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists, seek medical advice/attention.

**Ingestion:** IF SWALLOWED, do NOT induce vomiting. Rinse mouth. Seek medical attention /advice.

**Inhalation:** IF INHALED: If exposed or concerned get medical advice and/or attention.

**Advice to Doctor:** Treat symptomatically.

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## 5. Fire Fighting Measures

**Flammability:** Non-combustible.

**Extinguishing media:** Use appropriate for surrounding materials. Water spray, fog or mist, foam, dry powder, and carbon dioxide are all acceptable media. Prevent contamination of drains or water ways.

**Hazardous Combustion products:** Carbon and nitrogen oxides may be formed.

**Fire Fighting Instructions:** Fire fighters should wear approved self-contained breathing apparatus and full protective clothing.

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## 6. Accidental Release Measures

Solid product which is unlikely to produce a major spill hazard.

**Spills:** Scoop up and place in a suitable container for disposal. May cause the spill area to be slippery. Scrub with soap and water to remove residue. Contaminated equipment and clothing should be thoroughly cleaned before re-use or disposed of. Protect yourself and others from injury. Wear appropriate protective equipment (see section 8). Do not allow to enter water supplies, wastewater or soil.

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## 7. Handling & Storage

### Safe Handling

Before use carefully read the product label. Observe good personal hygiene, including washing hands after using.

### Storage

Store in cool, dry area, removed from foodstuffs. Ensure containers are labelled, protected from physical damage and sealed when not in use.

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## 8. Exposure Controls & Personal Protection

### Exposure Standards

#### **Workplace Exposure Standards (WES)/ Biological Exposure Indices (BEI):**

No exposure limits set for this product or its ingredients in the *Workplace Exposure Standards and Biological Exposure Indices (13<sup>th</sup> Edition, Apr 2022, WorkSafe)*

### Engineering Controls

**Ventilation:** None specified.

### Personal Protection (PPE)

**Eyes/Face:** None required.

**Skin:** None required during normal use. Wear disposable latex gloves during manufacture. If rash develops when using this product, wear latex gloves during further use.

**Respiratory:** None required.

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## 9. Physical & Chemical Properties

**Appearance:** Waxy, yellow solid.

**Odour:** Menthol

**pH:** Not determined.

**Boiling point:** No data available.

**Freezing point:** No data available.

**Specific gravity:** No data available.

**Flash point:** Not applicable.

**Vapour pressure:** No data available.

**Solubility (water):** Insoluble in water.

**Viscosity (kinematic):** No data available.

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## 10. Stability & Reactivity

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat, flames, direct sunlight.

**Incompatible Materials:** None specified.

**Hazardous decomposition products:** None expected.

**Hazardous polymerisation:** Not applicable.

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## 11. Toxicological Information

### Health Effects / Symptoms of Exposure

#### **Acute Exposure:**

**Summary:** This product is a massage balm that is designed to cause warming sensations to skin. It may cause an allergic skin reaction in susceptible people.

**Skin:** Warming and tingling sensation when applied

**Eyes:** Irritation and tearing.

**Ingestion:** Irritation of the throat and mucus membranes. May cause gastrointestinal distress.

**Inhalation:** Vapours may be slightly irritating to the nose and throat.

**Aspiration Hazard:** None

**Chronic Exposure:**

**Summary:** Allergic skin reaction in susceptible people.

**Respiratory or Skin sensitisation:** Allergic skin reaction in susceptible people.

**Mutagenicity:** Not classified.

**Carcinogenicity:** Not classified.

**Reproductive Toxicity:** Not classified.

**Specific Target Organ Toxicity (STOT):** Not classified.

Toxicological Data

Camphor Oil      LD50 (Oral, Mouse) = 1,310mg/kg

LD50 (Dermal, Rabbit) = >5mg/kg

Data source: *Chemical Classification and Information Database*

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## 12. Ecological Information

**Persistence in environment:** No data

**Biodegradability:** No data

**Mobility:** No data

Ecotoxicological Data

No data available for this product.

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## 13. Disposal Considerations

Small quantities may be disposed of through normal household / commercial waste removal facilities. Containers may only be recycled if clean and free of residue so as to be non-hazardous.

Bulk or contaminated product may be disposed of through an approved hazardous waste contractor. Disposal waste contractors must comply with the New Zealand Hazardous Substances (Disposal) Notice 2017.

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## 14. Transport Information

Not classified as a Dangerous Good according to NZS 5433:2007 Transport of Dangerous Goods on Land

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## 15. Regulatory Information

HSNO Approval

All ingredients listed in the NZIoC.

**HSNO Group Standard:** Cosmetic Products Group Standard 2020 HSR002552

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## 16. Other Information

**Abbreviations / Terminology:**

CAS#	Chemical Abstract Service number (a unique identifier for chemicals)
HSNO	(New Zealand) Hazardous Substances and New Organisms Act
LD50	Median lethal dose, being a statistically derived single dose of a substance that can be expected to cause death in 50 percent of animals.
NZIoC	New Zealand Inventory of Chemicals

Prepared with reference to:

- *Hazardous Substances (Safety Data Sheets) Notice 2017* published by Environmental Protection Authority, New Zealand

**Current Version:** 20 October 2023

**Revision Information:** SDS may be revised from time to time, please ensure you have a current copy.

This revision: Updated ingredient list.

Previous revision dated: 23 August 2023

**Disclaimer:**

This safety data sheet attempts to describe as accurately as possible the potential exposures associated with normal use of the product described herein. Health and safety precautions in the data sheet may not be adequate for all individuals and/or situations. Users have the responsibility to evaluate and use this product safely and to comply with all applicable laws and regulations.

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--END OF SDS