



Safety Data Sheet – Bug Balm

1. Identification

Product Name: Bug Balm

Recommended Use: Bug repellent balm

Note: Safety Data Sheets are provided to inform all users of potential hazards when using the substance. Precautions required will be different for end user consumers using product contained in small pots than for workers involved in bulk manufacturing of the products.

Tui Balms are intended for use in the therapeutic massage industry and in the private home. Please read through the full details of the SDS to see details applicable to how you use these products.

Manufacturer / Distributor – New Zealand:

Tui Balms
Wainui Bay
RD1 Takaka, New Zealand
Phone 0064 3 525 9654
Email production@tuibalms.co.nz

Distributor – United Kingdom:

Songbird Naturals
Norton Barn
Ditchat Hill Farm, Ditchat
Somerset BA 4 6 TL, United Kingdom
Phone 0044 1749 860 368
Email info@songbirdnaturals.co.uk

2. Hazard Identification

Statement of Hazardous Nature:

This preparation is classified as hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

Not classified as a Dangerous Good according to NZS 5433.

Hazard Classification:

Danger



HSNO Classes: 6.3B, 8.3A

Hazard Statements:

Causes mild skin irritation
Causes serious eye damage

Prevention Statements:

Keep out of reach of children
Read label before use
Read Safety Data Sheet before use

3. Composition & Information on Ingredients

Ingredient	CAS #	Percentage Composition %
Lemongrass Oil	8007-02-1	0.05 - 0.08%
Lavender Oil	8000-28-0	0.32 - 0.42%
Citronella Oil	8000-29-1	0.74 - 0.84%
Citrepel75	42822-86-6	8.00 - 9.00%
Non-hazardous ingredients		Up to 100%

4. First Aid Measures

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

Skin: If skin irritation occurs, get medical advice/attention.

Eyes: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Ingestion: DO NOT induce vomiting. If you feel unwell, seek medical advice/attention.

Inhalation: Remove victim to fresh air. If you feel unwell, seek medical advice/attention.

Advice to Doctor: Treat symptomatically.

If medical advice is needed, have product container or label at hand.

5. Fire Fighting Measures

Flammability: May be combustible in the event of a surrounding fire.

Hazardous Combustion products: Not expected

Extinguishing media: Use appropriate for surrounding materials. Prevent contamination of drains or water ways.

6. Accidental Release Measures

Spills: Product is a solid which is unlikely to produce a major spill hazard. If a spill does occur, prevent from entering drains and watercourses. Scoop up waste and place in sealable containers for disposal. A spill may cause the area to be slippery. Scrub with soap and water to remove residue.

7. Handling & Storage

Safe Handling

Keep out of reach of children
Before use carefully read the product label
Read Safety Data Sheet before use
Wear eye/face protection when dealing with bulk quantities

Storage

Store in cool, dry area

8. Exposure Controls & Personal Protection

Exposure Standards

Workplace Exposure Standards (WES):

No WES in place.

Engineering Controls

None specified

Personal Protection (PPE)

Eyes/Face: Not required when using product as recommended. When dealing with bulk quantities, splash resistant Safety Glasses with side shields or safety goggles (AS/NZS 1337) should be worn.

Skin: Not required

Respiratory: Not required

9. Physical & Chemical Properties

Appearance: Waxy, yellow solid

Odour: Lemon

pH: Not determined

Boiling point: Not applicable

Melting point: Not determined

Density at 20 °C: Not determined

Solubility (water): Not determined

Flash point: Not applicable

Evaporation rate: Not determined

Vapour pressure: Not determined

Viscosity (dynamic): Not determined

10. Stability & Reactivity

Stability: Stable under normal conditions.

Conditions to avoid: Direct sunlight may cause melting.

11. Toxicological Information

Health Effects / Symptoms of Exposure

Skin: Causes mild skin irritation

Eyes: Causes serious eye damage

Toxicological Data

Data below is for the ingredients, not the final product.

Ingredient	CAS #	Acute Inhalation Toxicity	Acute Dermal Toxicity	Acute Oral Toxicity
Citronella Oil	8000-29-1	LC50: 3.1mg/L Rat*	LD50: 4700mg/kg Rabbit*	
Citrepel75	42822-86-6	LC50: 10.4mg/L Rat†	LD50: >2000mg/kg Rat†	LD50: >2000mg/kg Rat†

*Data sourced from CCID.

†Data sourced from Citrepel75 SDS dated 15 June 2015.

12. Ecological Information

Environmental Exposure Limit (EEL): None set

Biodegradability: Not available

Persistence in environment: Not available

Mobility: Not available

Ecotoxicological Data

Data below is for the ingredients, not the final product.

Ingredient	CAS #	Fish Toxicity	Crustacean Toxicity	Algae Toxicity
Citronella Oil	8000-29-1	LC50: 17.3mg/L Rainbow trout (96 hour exposure)*	EC50: 26.4mg/L Water flea (48 hour exposure)*	
Citrepel75	42822-86-6	EC50: >35mg/L <i>Danio rerio</i> (96 hour exposure)†	EC50: >26mg/L <i>Daphnia magna</i> (48 hour exposure) †	EC50: >37mg/L <i>Pseudokirchneriella</i> (72 hour exposure) †

*Data sourced from CCID.

†Data sourced from Citrepel75 SDS dated 15 June 2015.

13. Disposal Considerations

For waste and contaminated packaging, treat to render it non-hazardous or dispose of as hazardous waste using a specialist disposal contractor.

14. Transport Information

Not classified as a Dangerous Good according to NZS 5433:2007.

Proper Shipping Name: Not applicable

DG Class: Not applicable

UN Number: Not applicable

Packing Group: Not applicable

15. Regulatory Information

HSNO Approval

All ingredients are listed in the NZIoC with the exception of Citrepel75 (which is pending addition in the next update). Group Standard: Cosmetic Products Group Standard 2006. HSNO Approval Number: HSR002552.

16. Other Information

Abbreviations / Terminology:

AS/NZS 1337	Personal eye-protection
AS/NZS	Joint Australian New Zealand Standard
CAS#	Chemical Abstract Service number (a unique identifier for chemicals)
CCID	Chemical Classification and Information Database
EEL	Environmental Exposure Limit
HSNO	(New Zealand) Hazardous Substances and New Organisms Act
NZIoC	New Zealand Inventory of Chemicals
NZS 5433	Transport of Dangerous Goods on Land
TEL	Tolerable Exposure Limit
WES	Workplace Exposure Standard

Prepared with reference to: *Preparation of Safety Data Sheets, Approved Code of Practice under the HSNO Act* [COP 8-1], New Zealand Chemical Industry Council Sep 2006.

Current Version: 11 January 2017

Revision Information:

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

This revision: Updated ingredient composition.

Previous revision dated: 16 December 2016

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