



Safety Data Sheet – Tui Orange Spice Balm

1. Identification

Product Name: Tui Orange Spice Balm

UN Number: Not applicable.

Recommended Use: Cosmetic products intended to use on skin only.

Proper Shipping Name: Not applicable.

Manufacturer and Distributor:

Name: Tui Balms

Phone: 0064 3 525 9654

Address: 223 McShane Rd
RD1 Wainui, Takaka, 7183
New Zealand

Email: contact@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:

This product is classified as hazardous according to the criteria of the *Hazardous Substances (Hazard Classification) Notice 2020*.

Not classified as a Dangerous Good according to NZS 5433.

Hazard Classification:

Skin sensitisation, category 1

Hazardous to the aquatic environment chronic, category 3



Warning

Hazard Statements:

May cause an allergic skin reaction

Harmful to aquatic life with long lasting effects

Prevention Statements:

Avoid breathing vapours.

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves.

Avoid release to the environment.

3. Composition & Information on Ingredients

Ingredient	CAS Number	Concentration (%)
Orange oil	8008-57-9	< 1
Mandarin oil	8008-31-9	< 1
Grapefruit oil	8016-20-4	< 0.5
Cardamom oil	8000-66-6	< 0.5
Clove Bud oil	8000-34-8	< 0.1
Nutmeg oil	8008-45-5	< 0.1
Mixture of beeswax, avocado oil, olive oil, sweet almond oil and other non-hazardous substances	-	to 100

4. First Aid Measures

This product is intended to be applied to the skin only.
Avoid contact with eyes.

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 and irritation or rash occurs, remove contaminated clothing and wash thoroughly with soap and water. Discontinue use if irritation occurs. Get medical advice/attention if symptoms persist.

Eyes: IF IN EYES, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Get medical advice/attention if symptoms persist.

Ingestion: IF SWALLOWED, do NOT induce vomiting. Rinse mouth with water. Seek medical attention /advice if feeling unwell.

Inhalation: No known adverse effects. IF INHALED and irritation or difficulty in breathing occurs, remove person to fresh air and place in a comfortable position for breathing. Get medical advice/attention if symptoms persist.

Advice to Doctor: Treat symptomatically.

5. Fire Fighting Measures

Flammability: Not flammable. Oils are combustible and immiscible with water.

Extinguishing media: Treat as per requirements for surrounding fires. Dry chemical, CO₂, water spray or regular foam are all acceptable media. Do not use direct water jet on burning materials.

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

Fire Fighting Instructions: Treat as per requirements for surrounding fires. Evacuate area and contact emergency services. Move containers from fire area if safe to do so. Fight fire from safe distance and protected location. Approach from upwind.

Fire fighters should wear approved self-contained breathing apparatus and full protective clothing.

Prevent contamination to enter drains or water ways.

6. Accidental Release Measures

Semi solid product which is unlikely to produce a major spill hazard.

Spills: Scoop up and place in a suitable container for disposal (see section 13). May cause the area to be slippery. Scrub with soap and water to remove residue. Contaminated equipment and clothing should be cleaned before re-use. Do not allow to enter water supplies, wastewater or soil.

7. Handling & Storage

Safe Handling

Before use carefully read the product label.

Keep out of reach of children

Avoid eye contact.

Apply a small amount of the product to an area of your skin (e.g., the underside of your wrist), and if your skin becomes irritated or you develop a rash, do not use the product.

Observe good personal hygiene, including washing hands after using.

Certified Handler: Not required

Storage

Store in cool, dry area, away from direct sunlight and removed from foodstuffs.

Ensure containers are labelled, protected from physical damage and sealed when not in use.

8. Exposure Controls & Personal Protection

Exposure Standards

No exposure limits set for this product or its ingredients in the *Workplace exposure standards and biological indices* (14th Edition, Nov 2023, WorkSafe).

Biological Exposure Indices (BEI): No biological exposure indices have been set for this product or its ingredients.

Engineering Controls

Ventilation: 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 are recommended (AS/NZS 1337).

Skin: Not required when using product as recommended. When dealing with bulk quantities, use latex rubber or nitrile rubber gloves. The glove material must be impermeable and resistance the substance/ the preparation (in accordance with AS/NZS 2161). Consult your glove supplier for specific product information.

Respiratory: None required.

9. Physical & Chemical Properties

Appearance and Colour: Waxy, semi solid yellow.
Odour: Orange.
Odour threshold: No data available.
pH: No data available.
Melting point: No data available.
Boiling point: No data available.
Flash point: Not applicable.
Flammability: Not flammable.
Lower Flammability Limit (LEL): Not applicable.

Upper Flammability Limit (UEL): Not applicable.
Vapour pressure: No data available.
Vapour density: No data available.
Relative density: No data available.
Solubility (water): Insoluble in water.
Partition coefficient: n-octanol/water: Not applicable.
Autoignition temp: Not applicable.
Decomposition temp: No data available.
Viscosity (kinematic): No data available.

10. Stability & Reactivity

Stability: Stable under normal conditions of use.
Reactivity: None expected.
Conditions to avoid: Heat, flames, direct sunlight.

Incompatible Materials: None specified.
Hazardous decomposition products: None expected.

11. Toxicological Information

Health Effects / Symptoms of Exposure

Acute Exposure

Skin: May cause mild skin irritation in some people.
Eyes: May cause eye irritation and lacrimation (tears).
Ingestion: Not an expected route of exposure. Product is non-toxic, but if ingested in large amounts may affect the digestive system causing nausea, vomiting and diarrhoea.
Inhalation: Not classified.
Aspiration Hazard: Not classified.

Chronic Exposure

Respiratory or Skin sensitisation: May cause an allergic skin reaction in susceptible people (orange, mandarin and grapefruit oils).
Mutagenicity: Not classified.
Carcinogenicity: Not classified.
Reproductive Toxicity: Not classified.
Specific Target Organ Toxicity (STOT): Not classified.

Toxicological Data

Toxicological data below is for individual ingredients.

Clove bud oil	LD50 (Oral, Rat) =	1370 mg/kg
---------------	--------------------	------------

Data source: CCID

12. Ecological Information

Harmful to aquatic life with long lasting effects. Avoid contaminating waterways.
Persistence in environment: No data available.
Biodegradability: No data available.

Bioaccumulative: No data available for product as a whole. Ingredients that are bioaccumulative are orange oil and grapefruit oil.
Mobility in soil: No data available.

Ecotoxicological Data

Data below is for individual ingredients.

Grapefruit oil	LC50 (fish) =	0.7 mg/L
	EC50 (aquatic Invertebrates) =	39 mg/L
Orange oil	LC50 (fish, 96hr) =	0.2 – 1.0 mg/L
	LC50 (aquatic Invertebrates, 48hr) =	0.5 – 3.0 mg/L
	EC50 (algae, 96hr) =	> 1.81 mg/L

Data source: CCID

13. Disposal Considerations

Avoid release to the environment. Discharging into rivers and drains is forbidden.
Small quantities may be disposed of through normal household / commercial waste removal facilities.
Bulk product must be disposed of through an approved hazardous waste contractor. Disposal waste contractors must comply with the *New Zealand Hazardous Substances (Disposal) Notice 2017*.
Containers may be recycled if clean and free of residue.

14. Transport Information

Not classified as a Dangerous Good according to NZS 5433:2020, UN Model Regulations, IATA and/or IMDG.

Proper Shipping Name: Not applicable.

Subsidiary Risk: Not applicable.

UN Number: Not applicable.

Packing Group: Not applicable.

DG Class: Not applicable.

Marine Pollutant: Not applicable.

15. Regulatory Information

HSNO Approval

All ingredients are listed in the NZIoC.

HSNO Group Standard: Cosmetic Products Group Standard 2020 - HSR002552

Certified Handler: Not required.

Tracking: Not required.

Controlled Substance Licence: Not required.

16. Other Information

Abbreviations / Terminology:

AS/NZS	Joint Australian New Zealand Standard
AS/NZS 1337	Personal eye-protection
AS/NZS 2161	Occupational protective gloves
CAS #	Chemical Abstract Service number (a unique identifier for chemicals)
CCID	New Zealand Chemical Classification and Information Database
EC ₅₀	Median effect concentration, being a statistically derived concentration of a substance that can be expected to cause an adverse reaction or reduction in growth/growth rate in 50 percent of organisms.
HSNO	(New Zealand) Hazardous Substances and New Organisms Act
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
LC ₅₀	Median lethal concentration, being a statistically derived concentration of a substance that can be expected to cause death in 50 percent of organisms.
LD ₅₀	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
NZS 5433	Transport of Dangerous Goods on Land

Prepared with reference to:

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

Revision Information:

Current version: 16 October 2024 (v3)

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

Revision information: Revised following changes in New Zealand regulations, and updated list of ingredients/components.

Previous revision dated: 28 June 2019 (v2) and 13 June 2013 (v1)

Disclaimer:

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.

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 requirements will be different for end user consumers than for workers manufacturing the products. Users have the responsibility to evaluate and use this product safely and to comply with all applicable laws and regulations.

Whilst the information contained in this document is based on data, which, to the best of our knowledge, was accurate and reliable at the time of preparation, no warranty or responsibility can be accepted by us for errors and omissions. The provision of this information should not be construed as a recommendation to use any of our products in violation of any patent rights or in breach of any statute or regulation. Users are advised to make their own determination as to the suitability of this information in relation to their particular purposes and specific circumstances. Since the information contained in this document may be applied under conditions beyond our control, no responsibility can be accepted by us for any loss or damage caused by any person acting or refraining from action as a result of this information.

--END OF SDS