



Safety Data Sheet – Tui Extreme Bug Spray

1. Identification

Product Name: Tui Extreme Bug Spray.

UN Number: 1266

Recommended Use: Insect repellent spray.

Proper Shipping Name: PERFUMERY PRODUCTS
with flammable solvents.

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*.

Classified as a Dangerous Good according to NZS 5433.

Hazard Classification:

Flammable Liquid, category 3

Serious eye damage, category 1



Danger

Hazard Statements:

Flammable liquid and vapour

Causes serious eye damage

Prevention Statements:

Keep out of reach of children.

Read label and Safety Data Sheet before use.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Keep container tightly closed.

Ground and bond container and receiving equipment.

Use explosion proof electrical equipment.

Use only non-sparking tools. Take action to prevent static discharge.

Wear eye/face protection.

3. Composition & Information on Ingredients

Ingredient	CAS Number	Concentration (%)
Ethanol	64-17-5	30 - 50
Citrepel 75R	42822-86-6	20 - 30
Lavender oil	8000-28-0	<2%
Water	-	to 100

4. First Aid Measures

Adverse effects are not expected as a result of normal use. 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 or call poison centre immediately.

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

Inhalation: 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: Flammable liquid and vapour.

Extinguishing media: For small fire, dry chemical, CO2, water spray or alcohol-resistant foam are all acceptable media. For large fire, water spray, fog or alcohol-resistant foam. Do not use direct water jet on burning materials.

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

Fire Fighting Instructions: Evacuate area and contact emergency services. Move containers from fire area if safe to do so. Fight fire from a safe distance and protected location. Approach from upwind.

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

Prevent contamination from entering drains or water ways.

6. Accidental Release Measures

Spills:

Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area).
Do not touch or walk through spilled material. Wear appropriate protective equipment (see section 8).
Stop leak if you can do it without risk. Absorb spill with dry earth, sand or other non-combustible material. Collect waste and place in sealable containers for disposal in accordance with section 13.
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.
Avoid contact with eyes, mouth and open skin or wounds. Spray on hands before applying to face.
Observe good personal hygiene, including washing hands before eating, drinking and smoking.

When using bulk quantities:

Ground/bond receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.
Wash hands thoroughly after handling.
Wear protective gloves and eye/face protection.

Certified Handler: Not required

Storage

Store away from heat, sparks, open flames and hot surfaces. No smoking.
Store in a well-ventilated, 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

Workplace Exposure Standards (WES):

Ingredient	CAS Number	TWA	STEL
Ethanol	64-17-5	380 mg/m ³	1520 mg/m ³

Data source: 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: Use only with adequate ventilation to prevent build-up of vapours. Optimise natural airflows.

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: Colourless liquid.

Odour: Citrus odour.

Odour threshold: No data available.

pH: No data available.

Melting point: No data available.

Boiling point: No data available.

Flash point: No data available.

Flammability: Flammable liquid and vapour.

Lower Flammability Limit (LEL): No data available.

Upper Flammability Limit (UEL): No data available.

Vapour pressure: No data available.

Vapour density: No data available.

Relative density: No data available.

Solubility (water): Citrepeel 75R is 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: Cause serious eye damage.

Ingestion: Not an expected route of exposure. If ingested in large amounts may have narcotic effect.

Inhalation: Not classified.

Aspiration Hazard: Not classified.

Chronic Exposure

Respiratory or Skin sensitisation: Not classified.

Mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproductive Toxicity: Not classified.

Specific Target Organ Toxicity (STOT): Not classified.

Toxicological Data

No data is available for this product as a whole or its ingredients.

12. Ecological Information

Avoid release to the environment.

Persistence in environment: No data available.

Biodegradability: No data available.

Bioaccumulative: No data available.

Mobility in soil: No data available.

Ecotoxicological Data

No data available for this product as a whole or its ingredients.

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

Classified as a Dangerous Good according to NZS 5433:2020, UN Model Regulations, IATA and/or IMDG.

Proper Shipping Name: PERFUMERY PRODUCTS,
with flammable solvents.

UN Number: 1266

DG Class: Class 3 – Flammable liquids.

Subsidiary Risk: Not applicable.

Packing Group: III

Marine Pollutant: Not marine pollutant.

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)
HSNO	(New Zealand) Hazardous Substances and New Organisms Act
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
NZIoC	New Zealand Inventory of Chemicals
NZS 5433	Transport of Dangerous Goods on Land
TWA	Time Weighted Average
STEL	Short Term Exposure Limit

Prepared with reference to:

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

Revision Information:

Current version: 14 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: 4 July 2019 (v2) and 11 January 2017 (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.

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--END OF SDS