

Key Transport Info

U.N. Number: 1950
 DG Class: 2
 HAZCHEM Code: 2[Y]
 Packaging group: N/A
 Poison Schedule: Not scheduled

1. MATERIAL & SUPPLY COMPANY IDENTIFICATION

Product Name: Bosisto's Eucalyptus Spray
Product Code: 310
Recommended Use: Relief of muscular aches and pains, insect bites. Air Freshener, spot and stain remover, general purpose cleaner, laundry pre-wash.
Supplier: Felton Grimwade & Bosisto's Pty Ltd
ABN: 13 004 809 161
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2. HAZARDOUS IDENTIFICATION

This material is hazardous according to health criteria of NOHSC Australia.

Hazard Category: F - Flammable
Risk Phrase(s): R11 – Highly Flammable
Safety Phrase(s): S2 – Keep out of reach of children
 S7 – Keep container tightly closed
 S16 – Keep away from sources of ignition – No smoking

This material is classified as Dangerous Goods Class 2.1 by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

3. COMPOSITION INFORMATION

Chemical Entity	CAS No.	Proportion
Eucalyptus oil	68647-73-4	25%
Hydrocarbon gases		>60%
Ethanol	64-17-5	<15%

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Treat symptomatically. If patient has reduced consciousness remove to fresh air and seek medical advice.
Ingestion: Seek medical advice. Do not induce vomiting.
Skin contact: Wash off excessive amounts with soap and water.
Eye contact: Flush well with running water for at least 15 minutes. If pain persists seek medical advice.
Notes to physician: Contains Eucalyptus Oil and Ethanol.

5. FIRE FIGHTING MEASURES

Specific hazards: Aerosol containers can explode when heated.
Fire fighting further advice: Fight fire from maximum distance possible or from protected area. Wear self contained breathing apparatus and protective clothing.
Hazchem Code: 2Y
Suitable extinguishing media: Foam or dry powder

6. ACCIDENTAL RELEASE MEASURES

Small Spills Collect packaging, mop or wipe up, wrap packaging and material in paper and dispose of in garbage. Wash area with water and detergent.
Large Spills Cover with absorbent material. Shovel material in to clean, dry, labeled containers and close lid. Refer to section 13 for disposal considerations.
Dangerous Goods - Initial Emergency Response Guide No: Not applicable

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7. HANDLING AND STORAGE

Handling: Avoid eye contact. Do not spray near face. Avoid excessive skin contact.
Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for spills.
Comments: Product is designed for regular use by consumers. Under normal conditions of use no special protection is required.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits: Ethanol:
 NOHSC: TWA 1000 ppm (1880 mg/m³)
 NIOHS REL: TWA 1000 ppm (1900 mg/m³)
 OSHA PEL: TWA 1000 ppm ((1900 mg/m³)
 Butane:
 NOHSC: TWA 800 ppm (1900 mg/m³)
 Propane:
 NOHSC: None allocated
Biological Limit Values: As per the "National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC: 1005 (1994)]" the ingredients in this material do not have a Biological Limit Allocated.
Engineering measures: Natural ventilation should be adequate under normal use conditions.
Personal protection equipment: Not normally required. Product is intended for application to skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Colourless vapour/liquid with Eucalyptus fragrance.
Solubility: Limited solubility in water.
Specific Gravity (20 °C): Less than 1.0
Relative Vapour Density (air=1): N Av
Vapour Pressure (20 °C): 40-60psig (280-420kPag)
Flash Point (°C): N Av
Flammability Limits (%): N Av
Autoignition Temperature (°C): N Av
Melting Point/Range (°C): N App
Boiling Point/Range (°C): N Av
pH 1% Solution N App
 (Typical values only - consult specification sheet)
 N Av = Not available N App = Not applicable

10. STABILITY AND REACTIVITY

Chemical stability: This material is stable when stored and used as directed.
Conditions to avoid: Excessive heat. **Do not store above 50°C.** Can may explode.
Incompatible Materials: Class 1 – Explosives
 Class 4 – Flammable solids
 Class 5 – Oxidizing substances; Organic peroxides
 Class 7 – Radioactive material
Hazardous decomposition products: No information available.
Hazardous reactions: No information available.

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11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

Skin contact: Prolonged excessive contact may irritate skin.

Eye contact: Likely to cause stinging and irritation.

Ingestion: Toxic if large amounts ingested (unlikely in this package).

Comments: Product is designed for regular use by consumers. Under normal conditions of use, it does not represent a major health hazard. Treat symptomatically.

Acute toxicity / Chronic toxicity

No LD50 data available for the product.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and degradability: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Refer to State/Territory Land Waste Management Authority.

14. TRANSPORT INFORMATION

Road and Rail Transport: Classified as Class 2.1 by the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail. Must not be transported with incompatible materials described in section 10.

Marine Transport: Dangerous Goods Class 2.1 by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. Must be kept separated from incompatible materials described in section 10.

Air Transport: UN number: 1950. Classified as Class 2.1 by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air. Must comply with packing instruction 203.

15. REGULATORY INFORMATION

Poisons Schedule (Aust): Not classified as a scheduled poison by the SUSDP.

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS). Refer to section 2 and 14 for further regulatory information.

16. OTHER INFORMATION

This Material Safety Data Sheet has been prepared by Felton Grimwade & Bosisto's Pty Ltd in accordance with the NOHSC: 2011

For further information about this product contact:

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Reason(s) For Issue: Updated format

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace and for personal use. Since Felton Grimwade & Bosisto's Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

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