

SAFETY DATA SHEET

BOSISTO'S EUCALYPTUS SPRAY

Infosafe No.: IA1E6
ISSUED Date : 30/06/2022
ISSUED by: FELTON GRIMWADE &
BOSISTO'S PTY LTD

1. Identification

GHS Product Identifier

BOSISTO'S EUCALYPTUS SPRAY

Company name

FELTON GRIMWADE & BOSISTO'S PTY LTD

Address

61-81 Clarinda Road Oakleigh South
Vic 3167 AUSTRALIA

Telephone/Fax Number

Tel: 03 9542 0100
Fax: 03 9542 0199

Emergency phone number

Poisons Information Centre: Phone 13 1126 from anywhere in Australia, (0800 764 766 in New Zealand)

Recommended use of the chemical and restrictions on use

For use as a general purpose cleaning spray, fragrance, laundry spray and other purposes.

Additional Information

Chemical nature: Eucalyptus oil solution packaged as aerosol spray.

This version issued: June, 2022 and is valid for 5 years from this date.

Poisons Information Centre: Phone 13 1126 from anywhere in Australia

2. Hazard Identification

GHS classification of the substance/mixture

Flammable Aerosol: Category 1

Eye Damage/Irritation: Category 2A

Signal Word (s)

DANGER

Hazard Statement (s)

H222 Extremely flammable aerosol.

H229 Pressurized container: may burst if heated.

H319 Causes serious eye irritation.

Precautionary statement – General

P102 Keep out of reach of children.

Pictogram (s)

Flame, Exclamation mark



Precautionary statement – Prevention

P210: Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

P211: Do not spray on an open flame or other ignition source.

P235: Keep cool.

P241: Use explosion-proof electrical equipment.

P251: Do not pierce or burn, even after use.

P261: Avoid breathing fumes, mists, vapours or spray.

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash contacted areas thoroughly after handling.

Precautionary statement – Response

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P372 Explosion risk in case of fire.

P370+P378 In case of fire: Use carbon dioxide, dry chemical, foam for extinction.

P337+P313 If eye irritation persists: Get medical advice/attention.

P381 Eliminate all ignition sources if safe to do so.

Precautionary statement – Storage

P402 Store in a dry place.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Precautionary statement – Disposal

P501 Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

Other Information

Statement of Hazardous Nature

SUSMP Classification: None allocated.

ADG Classification: Class 2.1: Flammable gases.

UN Number: 1950, AEROSOLS

Flammable aerosols Category 1

Serious eye damage/eye irritation Category 2/2A

Emergency Overview

Physical Description & Colour: Colourless liquid dispensed as aerosol spray.

Odour: Eucalyptus fragrance.

Major Health Hazards: causes serious eye irritation.

3. Composition/information on ingredients

Ingredients

Name	CAS	Proportion
Eucalyptus Oil	8000-48-4	10-25 %
N-Pentane	109-66-0	10-20 %
butane	106-97-8	20-40 %
isobutane	75-28-5	20-40 %
Ethanol	64-17-5	10-20 %

Other Information

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

4. First-aid measures

First Aid Measures

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Inhalation

First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Ingestion

If product is swallowed or gets in mouth, do NOT induce vomiting. Wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

Skin

Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.

Eye contact

Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes or until the product is removed, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Obtain medical attention immediately. Take special care if exposed person is wearing contact lenses.

5. Fire-fighting measures

Suitable Extinguishing Media

In case of fire, use carbon dioxide, dry chemical or foam. Water fog or fine spray is the preferred medium for large fires. Try to contain spills, minimise spillage entering drains or water courses.

Specific Methods

If a significant quantity of this product is involved in a fire, call the fire brigade. There is a danger of a violent reaction or explosion if significant quantities of this product are involved in a fire. Recommended personal protective equipment is full fire kit and breathing apparatus.

Specific Hazards Arising From The Chemical

Fire and Explosion Hazards: Extremely flammable aerosol. Pressurised container: may burst if heated. The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is a significant risk of an explosion from this product if commercial quantities are involved in a fire. Firefighters should evacuate the area and take appropriate precautions. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

Hazchem Code

2YE

6. Accidental release measures

Emergency Procedures

Accidental release: This product is sold in small packages, and the accidental release from one of these is not usually a cause for concern. For minor spills, clean up, rinsing to sewer and put empty container in garbage. Although no special protective clothing is normally necessary because of occasional minor contact with this product, it is good practice to wear impermeable gloves when handling chemical products. In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.

7. Handling and storage

Precautions for Safe Handling

Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Conditions for safe storage, including any incompatibilities

Store in a cool (below 30°C), well ventilated area. Protect from direct sunlight. Make sure that surrounding electrical devices and switches are suitable. Check containers and valves periodically for leaks. If you keep more than 25kg of flammable gases, you are probably required to license the premises or notify your Dangerous Goods authority. If you have any doubts, we suggest you contact your Dangerous Goods authority in order to clarify your obligations. Check packaging - there may be further storage instructions on the label.

8. Exposure controls/personal protection

Exposure Controls, Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210.

Occupational exposure limit values

SWA Exposure Limits:

Ingredients / TWA (mg/m³) / STEL (mg/m³)

Butane 1900 not set

Isobutane not set not set

Eucalyptus oil not set not set

Ethanol 1880 not set

n-Pentane 1770 2210

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Appropriate engineering controls

Ventilation: This product should only be used where there is ventilation that is adequate to keep exposure below the TWA levels. If necessary, use a fan.

Respiratory Protection

Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

Eyebaths or eyewash stations should, if practical, be provided near to where this product is being handled commercially.

Eye Protection

Protective glasses or goggles must be worn when this product is being used. Failure to protect your eyes may lead to severe harm to them or to general health. Emergency eye wash facilities must also be available in an area close to where this product is being used.

Personal Protective Equipment

Protective Material Types: There is no specific recommendation for any particular protective material type.

Body Protection

The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when lengthy skin contact is likely.

9. Physical and chemical properties

Properties	Description	Properties	Description
Form	Aerosol - Liquid	Appearance	Colourless liquid dispensed as aerosol spray.
Odour	Eucalyptus fragrance.	Boiling Point	Approx 80°C at 100kPa (dispensed liquid)
Solubility in Water	Limited solubility.	Specific Gravity	<1.0 at 20°C
pH	No data.	Vapour Pressure	280-420 kPa
Vapour Density (Air=1)	No data.	Evaporation Rate	No data.
Coefficient Water/Oil Distr.	No data.	Odour Threshold	No data.
Volatile Component	No data.	Flash Point	Not available
Flammability	Flammability Class: Aerosols category 1 (GHS) - extremely flammable aerosol.	Auto-Ignition Temperature	No data.
Flammable Limits - Lower	Not available	Flammable Limits - Upper	Not available
Melting/Freezing Point	No specific data. Liquid at normal temperatures.		

Other Information

Volatility: No data.

Particle Characteristics: Not applicable for liquids.

10. Stability and reactivity

Reactivity

This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid

Store below 30°C, protect from direct sunlight and do not expose to temperatures exceeding 50°C. Containers should be kept dry. Keep away from sources of sparks or ignition. Any electrical equipment in the area of this product should be flame proofed.

Incompatible materials

Strong acids, strong bases, oxidising agents.

Hazardous Decomposition Products

Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. May form nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

Hazardous Polymerization

This product will not undergo polymerisation reactions.

11. Toxicological Information

Toxicology Information

Local Effects:

Target Organs: This product may attack eyes. Ingredients in this product have an established TWA, so exposure by inhalation should be avoided.

Classification of Hazardous Ingredients:

Ingredient / Health Hazard Statement Codes

Butane H220

Flammable gas – category 1

Gases under pressure

Isobutane H220

Flammable gas – category 1

Gases under pressure

Ethanol H225, H319

Flammable liquid – category 2

Eye irritation – category 2A

N-pentane H225, H304, H336, H411

Flammable liquid – category 2

Aspiration hazard – category 1

Specific target organ toxicity (single exposure) – category 3

Hazardous to the aquatic environment (chronic) – category 2

Ingestion

Short Term Exposure: Significant oral exposure is considered to be unlikely. Available data shows that this product is not harmful. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort.

Long Term Exposure: No data for health effects associated with long term ingestion.

Inhalation

Short Term Exposure: Available data indicates that this product is not harmful. In addition product is unlikely to cause any discomfort or irritation. Intentional misuse by deliberately concentrating and inhaling contents of aerosol containers can be harmful or fatal.

Long Term Exposure: No data for health effects associated with long term inhalation.

Skin

Short Term Exposure: Major health effect from this product is misuse of the aerosol function. If sprayed continuously on skin or in eyes, it can cause frostbite.

Long Term Exposure: No data for health effects associated with long term skin exposure.

Eye

Short Term Exposure: If sprayed directly in the eye, this product will irritate. If spraying is prolonged, it may cause damage through frostbite.

Long Term Exposure: No data for health effects associated with long term eye exposure.

Carcinogenicity

Carcinogen Status:

SWA: Butane is classified by SWA as a Category 1a Carcinogen

Isobutane is classified by SWA as a Category 1a Carcinogen

See the SWA website for further details. A web address has not been provided as addresses frequently change.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

12. Ecological information

Ecological information

Insufficient data to be sure of status.

13. Disposal considerations

Waste Disposal

Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service. Do not puncture or incinerate aerosol cans, even when empty.

14. Transport information

U.N. Number

1950

UN proper shipping name

AEROSOLS

Transport hazard class(es)

2.1: Flammable gases.

Packing Group

Not set

Hazchem Code

2YE

IERG Number

49

UN Number (Air Transport, ICAO)

1950

IATA/ICAO Proper Shipping Name

Aerosols

IATA/ICAO Hazard Class

2.1

IMDG UN No

1950

IMDG Proper Shipping Name

AEROSOLS

IMDG Hazard Class

2.1

Other Information

Dangerous according to Australian Dangerous Goods (ADG) Code, IATA and IMDG/IMSBC criteria.

UN Number: 1950, AEROSOLS

Hazchem Code: 2YE

Special Provisions: 63, 190, 277, 327, 344, 381

Limited quantities: ADG 7 specifies a Limited Quantity value of 1000mL for this class of product.

Dangerous Goods Class: Class 2.1: Flammable gases.

Packing Group: Not set

Packing Instruction: P207, LP200

Class 2.1 Flammable gases shall not be loaded in the same vehicle or packed in the same freight container with Classes 1 (Explosives), 3 (Flammable Liquids) (where both flammable liquids and flammable gases are in bulk), 4.1 (Flammable Solids), 4.2 (Spontaneously Combustible Substances), 4.3 (Dangerous When Wet Substances), 5.1 (Oxidising Agents), 5.2 (Organic Peroxides), and 7 (Radioactive Substances). They may however be loaded in the same vehicle or packed in the same freight container with Classes 2.2 (Non-flammable Non-Toxic gases), 3 (Flammable liquids except where both flammable liquids and flammable gases are in bulk), 6 (Toxic Substances), 8 (Corrosive Substances) 9 (Miscellaneous dangerous goods), Foodstuffs and foodstuff empties.

15. Regulatory information

Regulatory information

The following ingredient: Eucalyptus oil, is mentioned in the SUSMP.

Poisons Schedule

Not Scheduled

Australia (AICS)

All of the significant ingredients in this formulation are compliant with AICIS regulations.

16. Other Information

Contact Person/Point

This Safety Data Sheet has been prepared by Felton Grimwade Bosisto's Pty Ltd in accordance with the SWA. For further information about this product contact:

Ms Cornelia Gallautz Quality Manager Ph.: 03 9542 0100 AH: 0451 058 346

Ms Tegan Abbott Executive Director Ph.: 03 9542 0100 AH: 0416 118 909

User Codes

User Title Label	User Codes
Task #	28343
Task #	31241
Task #	31618
Task #	4431
Task #	614
Task #	Esso Task #28442 (Request N110.18)
Transcription Sign Off	28343 AF 10122018
Transcription Sign Off	4431 WH 01082022

Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)

AICS/AIIC/AIIC: Australian Inventory of Industrial Chemicals

SWA: Safe Work Australia, formerly ASCC and NOHSC

CAS number: Chemical Abstracts Service Registry Number

Hazchem Code: Emergency action code of numbers and letters that provide information to emergency services especially firefighters

IARC: International Agency for Research on Cancer

NOS: Not otherwise specified

NTP: National Toxicology Program (USA)

SUSMP: Standard for the Uniform Scheduling of Medicines & Poisons

UN Number: United Nations Number

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (July 2020) and GHS Revision 7 Copyright © Kilford & Kilford Pty Ltd, June, 2022.

<http://www.kilford.com.au/> Phone (02)8321 8866

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END OF SDS

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