

Safety Data Sheet

1. Identification

Product Identifier: **Jalbi Hand Sanitiser – Orange & Eucalyptus**

Other means of identification: Orange & Eucalyptus Jalbi Hand Sanitiser.

Recommended use of the chemical and restrictions on use: Hand cleaner and disinfectant. No information for uses advised against.

Details of manufacturer or importer:

Supplier: JALBI AUSTRALIA
ABN No: 27 648 616 335
Street Address: Suite 3, 810 North Lake Road
Cockburn Central
Western Australia 6164
Telephone: 03 9417 1388

Emergency telephone numbers: 000 (Available 24 hours)

2. Hazards Identification

Classification of the substance or mixture: This material is classified as hazardous according to the criteria of Regulation (EC) No. 1272/2008 (CLP), the Globally Harmonised System of Classification, Labelling and Packaging and Safe Work Australia.

Flammable Liquids – Category 2

Label elements/pictogram:



Signal Word:

Danger

Hazard Statements:

H225: Highly flammable liquid and vapour
Contains: Citrus Aurantium Dulcis oil and Eucalyptus globulus oil. May produce an allergic reaction.

Prevention Precautionary Statements:

P102: Keep out of reach of children
P103: Read label before use
P210: Keep away from all sources of ignition - No smoking
P233: Keep container tightly closed
P280: Wear protective clothing, gloves, eye/face protection and suitable respirator

Response Precautionary Statements:

P101: If medical advice is needed, have product container or label at hand
P370+378: In case of fire: Use alcohol resistant foam, standard foam or dry agent for extinction

Storage Precautionary Statements:

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P403+235: Store in a well-ventilated place. Keep cool

Disposal Statements:

P501: Dispose of contents/container in accordance with local, regional, national and international regulations

Poison Schedule: Not a scheduled Poison.

3. Composition/Information on Ingredients

Chemical Identity	CAS No.	EC No.	Concentration of Ingredients (% w/w)
Ethanol	64-17-5	200-578-6	> 60%
Citrus Aurantium Dulcis oil	8008-57-9	616-926-9	< 1%
Eucalyptus globulus oil	8000-48-4	616-775-9	< 1%
Non-Hazardous	-	-	Balance

Classification in accordance to Regulation (EC) No. 1272/2008 (CLP).

4. First Aid Measures

Description of necessary first aid measures: For advice, contact a Poisons Information Centre (eg. Phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor at once.

Ingestion: If swallowed, rinse mouth with water. Give a glass of water. If vomiting occurs, give further water. Contact a Poisons information Centre or doctor for advice.

Skin Contact: If irritation occurs seek medical advice.

Inhalation: If inhaled, remove from contaminated area into fresh air. If symptoms develop seek medical advice.

Eye Contact: If in eyes, hold eyelids apart and immediately flush the eye continuously with running water for 15 minutes. If irritation occurs, seek medical advice.

Symptoms caused by exposure: Refer to Section 11 for Toxicological Information.

Medical attention and special treatment: Treat symptomatically.

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5. Fire Fighting Measures

Hazchem Code: • 2YE

Suitable extinguishing equipment: Alcohol resistant foam is the preferred fire-fighting medium. If material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards arising from the chemical: Highly flammable liquid. May form flammable vapour mixtures with air. Avoid all ignition sources. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. Do NOT smoke. Reacts with oxidising agents, peroxides, acids, acid chlorides, acid anhydrides, alkali metals and ammonia.¹

Special protective equipment and precautions for fire fighters: If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Clear area of all unprotected personnel. Stop the source of the leak, if safe to do so. Clean up immediately. Shut off all ignition sources. Contain – prevent runoff into drains and waterways. Cover drains if necessary. Avoid contact with eyes, skin and clothing. Avoid breathing vapour. Wear protective equipment to prevent skin and eye contact and the inhalation of vapour, mists and aerosols.

Environmental precautions: If contamination of crops, sewers or waterways has occurred advise local emergency services.

Methods and materials for containment and clean up:

Large spills

Use inert absorbent material such as sand or soil to soak up spill. Collect spilled product and place in sealable containers or drums for disposal. Clean contaminated area and objects with plenty of water.

Small spills

Use inert absorbent material such as sand or soil to soak up spill. Collect spilled product and place in a sealable container for disposal. Clean contaminated area and objects with plenty of water.

7. Handling and Storage

Precautions for safe handling: Avoid contact with skin, eyes and clothing. Avoid breathing vapour and spray mist. Use only in well ventilated areas. Wear protective clothing when mixing or using. Wash hands thoroughly after use. May form flammable vapour mixtures in air. All potential sources of ignition including; open flames, pilot lights, furnaces, electrical equipment, spark producing switches, etc., must be eliminated in and around the work area. No smoking.

Conditions for safe storage, including any incompatibilities: Store in a dry, clean, cool, well ventilated place away from sunlight. Store in the original, labelled container and keep container tightly closed when not in use. Store container upright and away from oxidising agents, peroxides, acids, acid chlorides, acid anhydrides, alkali metals and ammonia.¹ Check regularly for leakage.

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8. Exposure Controls/Personal Protection

Control parameters

Exposure standards: No workplace exposure standard has been assigned for this specific material by Safe Work Australia; however for constituent:

ETHANOL: TWA = 1,000 ppm (1,880 mg/m³)

As published by Safe Work Australia (<http://www.safeworkaustralia.gov.au/sites/SWA>).

8-hour Time-weighted average (TWA) means the maximum average airborne concentration of a substance when calculated over an eight-hour working day, for a five-day working week.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standards. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Exposure standards represent airborne concentrations of individual substances which, according to current knowledge, should neither impair the health of, nor cause undue discomfort to, nearly all workers. Exposure standards are guides to be used in the control of occupational health hazards. All atmospheric contaminants should be kept to as low a level that is practical. These exposure standards should not be used to define a line between a safe and dangerous concentration of a chemical. They are not a measure of relative toxicity.

Biological monitoring: No biological monitoring required.

Appropriate engineering controls: Ensure ventilation is adequate to ensure that air concentrations of components are controlled below listed workplace exposure standard. Use with local exhaust ventilation or while wearing appropriate respirator. Keep containers closed when not in use.

Personal protective equipment:

Manufacturing, Packaging and Transport: Personal protective equipment should be used only when other control measures (eg. elimination, substitution, isolation and engineering controls) have been found to be impracticable or in conjunction with one or more control measures. When needed wear overalls, safety glasses/chemical goggles, impervious gloves and an air purifying respirator meeting the requirements of AS/NZS 1715 AS/NZS 1716 (Australian/New Zealand Standard™ respiratory protective devices). Wash contaminated clothing and protective equipment before storing or re-using. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment.



Recommendations for consumer use: Avoid inhaling vapour. Wash hands after use.

9. Physical and Chemical Properties

Appearance/odour:	Clear liquid with an orange/eucalyptus odour.
Solubility:	Soluble in water.
Odour threshold	Not available.
pH:	Not available.
Specific gravity/density:	Approx. 1.0
Melting point:	Not applicable.
Initial boiling point:	Not available.
Boiling point range:	Not available.
Flash point:	Approx. 14°C
Evaporation rate:	Not available.
Flammability:	Not available.
Flammability limits:	Not available.
Vapour pressure	Not available.
Rel. vap. Density, air=1:	Not available.
Partition co-efficient:	Not available.
Autoignition Temp:	Not available.
Decomposition Temp:	Not available.
Viscosity:	Not available.

Reference¹

10. Stability and Reactivity

Reactivity/Incompatible materials: Reacts with oxidising agents, peroxides, acids, acid chlorides, acid anhydrides, alkali metals and ammonia.¹

Chemical stability: Stable under normal conditions of use.

Conditions to avoid: Keep containers tightly closed when not in use. Avoid exposure to heat and sources of ignition. Avoid contact with incompatible materials.

Possibility of hazardous reactions: No hazardous reactions when stored and handled within normal conditions of use.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. Toxicological Information

No adverse 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 Toxicity

Ingestion: Swallowing can result in nausea, vomiting and central nervous system depression or inhibited brain activity. Effects may include loss of co-ordination, impaired judgement and loss of consciousness. Persons with these effects, when vomiting have an increased risk of inhaling vomit into their respiratory system. Aspiration into the lungs when swallowed, may cause chemical pneumonitis (inflammation of the lung) which can be fatal.

Skin contact: Product is not expected to be absorbed through the skin.

Inhalation: Inhalation of vapour, mists or aerosols may result in respiratory irritation, headaches, dizziness, drowsiness and possible nausea.

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Corrosion/Irritation

Skin Contact: Contact with skin may result in irritation.

Eye contact: Contact with eyes may result in irritation.

Respiratory and skin sensitisation

Not expected to cause respiratory sensitisation. May cause skin sensitisation in sensitive individuals.

Other toxic effects

There is not sufficient data to presume that this product is a germ cell mutagen and can cause heritable genetic damage.

There is not sufficient data to presume that this product is carcinogenic and can cause cancer.

There is not sufficient data to presume that this product is a reproductive toxicant and may impair fertility or cause irreversible effects in the offspring.

There is not sufficient data to presume that this product causes specific organ toxicity following a single or repeated exposures.

There is not sufficient data to presume that this product is an aspiration hazard.

12. Ecological Information

Ecotoxicity: Avoid contaminating waterways.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility in soil: No information available.

Other adverse effects: Not dangerous to the ozone layer.

13. Disposal Considerations

Disposal methods: Refer to State Land Waste Management Authority.

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14. Transport Information

Road and Rail Transport

DANGEROUS GOODS - Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail.

Class/Division: 3 FLAMMABLE LIQUID

UN No. 1170

Packing Group: II

Proper Shipping Name: ETHANOL SOLUTION

Hazchem Code: • 2YE

Environmental hazards for transport purposes: Not a marine pollutant according to the criteria of the International Maritime Dangerous Goods Code (IMDG) for transport by sea.

Special precautions for transport: Not to be loaded with explosives (Class 1), flammable gases (Class 2.1), if both are in bulk, toxic gases (Class 2.3), spontaneously combustible substances (Class 4.2), oxidising agents (Class 5.1), organic peroxides (Class 5.2) or radioactive substances (Class 7), however exemptions may apply.

Additional information: There is a limited quantity exemption of 1L for this product.

Marine Transport

DANGEROUS GOODS - Classified as Dangerous Goods according to the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Class/Division: 3 FLAMMABLE LIQUID

UN No. 1170

Packing Group: II

Proper Shipping Name: ETHANOL SOLUTION

Air Transport

DANGEROUS GOODS - Classified as Dangerous Goods according to the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Class/Division: 3 FLAMMABLE LIQUID

UN No. 1170

Packing Group: II

Proper Shipping Name: ETHANOL SOLUTION

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15. Regulatory Information

Safety, health and environmental regulations:

None of the components of this product are listed in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

All of the constituents of this product are listed on the Australian Inventory of Chemical Substances (AICS).

This material is not listed as subject to the following international agreements:

- An ozone depleting substance according to the Montreal Protocol.
- A persistent organic pollutant according to the Stockholm Convention.
- As requiring Prior Informed Consent according to the Rotterdam Convention.

This material is listed as subject to the following international agreements:

- As Dangerous Goods (Hazardous Waste) according to the Basel Convention on Hazardous Waste
 - *Wastes from the production, formulation and use of organic solvents*
- A marine pollutant, according to the Prevention of Pollution from Ships (MARPOL).
 - *Annex III - Harmful Substances carried in Packaged Form.*

16. Other Information

References

1. Chemical Book (2020). Ethanol. CAS No. 64-17-5.
(https://www.chemicalbook.com/ChemicalProductProperty_EN_CB2362508.htm)
2. ECHA (2020). European Chemicals Agency. C&L Inventory. Ethanol. CAS No. 64-17-5.
(<https://www.echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database/-/discli/details/49769>)

Reason for Issue

Supersedes Revision: Not applicable.

Reason for Issue: First issue.

The information contained in this Safety Data Sheet is intended to give general guidance on how to safely handle the product in the workplace. Since the supplier of this product cannot anticipate or control the conditions under which it may be used, each user must, prior to usage, assess and control the risks arising from the use of this product. If clarification or further information is needed, the user should contact the product supplier, listed on the first page of this document.

The supplier's responsibility for the product as sold is subject to the terms and conditions of sale, a copy of which is available on request.