

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: LAVENDER
Version: 1

Section 1. Identification of the substance or the mixture and the supplier

1.1 Product Identifier

Product Identifier: LAVENDER
Other Identifiers: None

1.2 Relevant identified use of the substance or mixture and uses against

Product uses: Fragrances

1.3 Details of the supplier of the safety data sheet

Company name: Wickii
Company address: 1/19 Packer Rd
BARINGA
QLD 4551
Australia

Contact:

Email: info@wickii.com.au

Company Phone: 1300 045 740

1.4 Emergency telephone number

Emergency contact 0434 620 919

Section 2. Hazards identification

2.1 Classification of substance or mixture

Class and category of danger: Flammable Liquid, Hazard Category 4
Skin Corrosion / Irritation Category 2
Eye Damage / Irritation Category 1
Sensitization - Skin Category 1
Aspiration Hazard Category 1
Hazardous to the Aquatic Environment - Acute Hazard Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 1
H227, Combustible liquid.
H304, May be fatal if swallowed and enters airways.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H318, Causes serious eye damage.
H410, Very toxic to aquatic life with long lasting effects.

2.2 Label elements

Signal word: Danger

Hazard statements:

H227, Combustible liquid.
H304, May be fatal if swallowed and enters airways.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.

H318, Causes serious eye damage.
H410, Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P261, Avoid breathing vapour or dust.
P264, Wash hands and other contacted skin thoroughly after handling.
P272, Contaminated work clothing should not be allowed out of the workplace.
P273, Avoid release to the environment.
P280, Wear protective gloves/eye protection/face protection.
P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302/352, IF ON SKIN: Wash with plenty of soap and water.
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310, Immediately call a POISON CENTER or doctor/physician.
P331, Do not induce vomiting.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P362, Take off contaminated clothing and wash before reuse.
P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391, Collect spillage.
P403/235, Store in a well-ventilated place. Keep cool.
P405, Store locked up.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



2.3 Other hazards

Other hazards: None

Section 3. Composition/ information on ingredients

3.2 Mixtures

Contains:

Name	CAS	EC	%	GHS Classification
Linalyl acetate	115-95-7	204-116-4	20–<50%	Flam. Liq. 4; Skin Irrit. 2B; Skin Sens. 1B; Aquatic Acute 3; H227, H315, H317, H320, H402
Linalool	78-70-6	201-134-4	10–<20%	Flam. Liq. 4; Acute Tox. 5; Skin Irrit. 2; Eye Irrit. 2A; Skin Sens. 1B; Aquatic Acute 3; H227, H303, H315, H317,

				H319, H402
Geraniol	106-24-1	203-377-1	5—<10%	Acute Tox. 5; Skin Irrit. 2; Eye Dam. 1; Skin Sens. 1B; Aquatic Acute 3; H303, H315, H317, H318, H402
d-Limonene	5989-27-5	227-813-5	5—<10%	Flam. Liq. 3; Skin Irrit. 2; Skin Sens. 1B; Asp. Tox. 1; Aquatic Acute 1; Aquatic Chronic 1; H226, H304, H315, H317, H410
d-Camphor	464-49-3	207-355-2	1—<5%	Flam. Liq. 4; Flam. Sol. 2; Acute Tox. 4; Skin Irrit. 2; Eye Dam. 1; STOT SE 2; Aquatic Acute 2; Aquatic Chronic 2; H227, H228, H302, H315, H318, H332, H371, H411
Cedrol	77-53-2	201-035-6	1—<5%	Flam. Liq. 4; Aquatic Acute 2; Aquatic Chronic 2; H227, H411
alpha-Cedrene	469-61-4	207-418-4	1—<5%	Skin Irrit. 3; Asp. Tox. 1; Aquatic Acute 1; Aquatic Chronic 1; H304, H316, H410
Butylated hydroxytoluene	128-37-0	204-881-4	1—<5%	Aquatic Acute 1; Aquatic Chronic 1; H410
Eucalyptol	470-82-6	207-431-5	1—<5%	Flam. Liq. 3; Acute Tox. 5; Skin Irrit. 3; Skin Sens. 1B; H226, H303, H316, H317
alpha-Terpineol acetate	80-26-2	201-265-7	1—<5%	Skin Irrit. 3; Aquatic Acute 2; H316, H401
p-Mentha-1,4-diene	99-85-4	202-794-6	1—<5%	Flam. Liq. 3; Acute Tox. 5; Skin Irrit. 3; Repr. 2; Asp. Tox. 1; H226, H303, H304, H316, H361
Borneol	507-70-0	208-080-0	1—<5%	Flam. Sol. 1; Acute Tox. 5; Skin Irrit. 2; Aquatic Acute 2; Aquatic Chronic 2; H228, H303, H315, H411
Terpinolene	586-62-9	209-578-0	0.1—<1%	Flam. Liq. 3; Flam. Liq. 4; Acute Tox. 5; Skin Irrit. 3; Skin Sens. 1B; Asp. Tox. 1; Aquatic Acute 1; Aquatic Chronic 1; H226, H227, H303, H304, H316, H317, H410
Geranyl acetate	105-87-3	203-341-5	0.1—<1%	Skin Irrit. 2; Skin Sens. 1B; Aquatic Acute 2; Aquatic Chronic 3; H315, H317, H401, H412
beta-Cedrene	546-28-1	—	0.1—<1%	Skin Irrit. 3; Asp. Tox. 1; Aquatic Acute 1; Aquatic Chronic 1; H304, H316, H410
alpha-Terpineol	98-55-5	202-680-6	0.1—<1%	Flam. Liq. 4; Acute Tox. 5; Skin Irrit. 2; Eye Irrit. 2A; Aquatic Acute 2; H227, H303, H315, H319, H401
Coumarin	91-64-5	202-086-7	0.1—<1%	Acute Tox. 4; Skin Sens. 1B; Aquatic Acute 3; H302, H317, H402

alpha-Pinene	80-56-8	201-291-9	0.1–<1%	Flam. Liq. 3; Acute Tox. 4; Skin Irrit. 2; Skin Sens. 1B; Asp. Tox. 1; Aquatic Acute 1; Aquatic Chronic 1; H226, H302, H304, H315, H317, H410
beta-Caryophyllene	87-44-5	201-746-1	0.1–<1%	Skin Sens. 1B; Asp. Tox. 1; Aquatic Chronic 4; H304, H317, H413
p-Cymene	99-87-6	202-796-7	0.1–<1%	Flam. Liq. 3; Acute Tox. 5; Skin Irrit. 3; Repr. 2; Asp. Tox. 1; Aquatic Acute 2; Aquatic Chronic 2; H226, H303, H304, H316, H361, H411
p-Anisyl acetate	104-21-2	203-185-8	0.1–<1%	Skin Sens. 1B; Aquatic Acute 3; H317, H402
beta-Pinene	127-91-3	204-872-5	0.1–<1%	Flam. Liq. 3; Skin Irrit. 2; Skin Sens. 1B; Asp. Tox. 1; Aquatic Acute 1; Aquatic Chronic 1; H226, H304, H315, H317, H410
Citronellyl acetate	150-84-5	205-775-0	0.1–<1%	Skin Irrit. 2; Aquatic Acute 2; Aquatic Chronic 2; H315, H411
l-Limonene	5989-54-8	227-815-6	0.1–<1%	Flam. Liq. 3; Skin Irrit. 2; Skin Sens. 1B; Asp. Tox. 1; Aquatic Acute 1; Aquatic Chronic 1; H226, H304, H315, H317, H410
l-β-Bisabolene	495-61-4	—	0.1–<1%	Skin Irrit. 2; Skin Sens. 1B; Asp. Tox. 1
Terpineol	8000-41-7	232-268-1	0.1–<1%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Aquatic Acute 3;H227-H303-H315-H319-H402
Myrcene	123-35-3	204-622-5	0.1–<1%	Flam. Liq. 3-Skin Irrit. 2-Eye Irrit. 2A-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 2; H226-H304-H315-H319-H400-H411
4-Carvomenthenol	562-74-3	209-235-5	0.1–<1%	Flam. Liq. 4-Acute Tox. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Aquatic Acute 3; H227-H302-H313-H315-H319-H402
gamma-Terpineol	586-81-2		0.1–<1%	Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2AAquatic Acute 3;H303-H315-H319-H402
Citral	5392-40-5	226-394-6	0.1–<1%	Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2ASkin Sens. 1-Aquatic Acute 2;H313-H315-H317-H319-H401
2-Methyl-3-(p-isopropylphenyl) propionaldehyde	103-95-7	203-161-7	0.1–<1%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2- Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 3;H227-H303-H315-H317-H401- H412

Substances with workplace exposure limits, not listed above:
Not applicable

Section 4. First Aid measures

4.1 Description of first aid measures

Inhalation:	Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
Eye exposure:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin exposure:	IF ON SKIN: Wash with plenty of soap and water.
Ingestion:	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Harmful if swallowed.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see section 4.1 for further information

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire-fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Method and material for containment and

cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precaution for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including and incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3 Specific end use(s):

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits:

Not Applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material. Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Not determined
Odour:	Not determined
Odour threshold:	Not determined
pH:	Not determined
Melting point/freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	>70 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected

9.2 Other information

None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 information on toxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in UN GHS.

Harmful if swallowed.

Acute Toxicity:	Acute Toxicity - Oral Category 4
Acute Toxicity Oral	1542
Acute Toxicity Dermal	>5000
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Based on available data the classification criteria are not met.
Serious eye damage/irritation:	Eye Damage / Irritation Category 2
Respiratory or skin sensitisation:	Sensitization - Skin Category 1
Germ cell mutagenicity:	Based on available data the classification criteria are not met.
Carcinogenicity:	Based on available data the classification criteria are not met.
Reproductive toxicity:	Based on available data the classification criteria are not met.
STOT-single exposure:	Based on available data the classification criteria are not met.
STOT-repeated exposure:	Based on available data the classification criteria are not met.
Aspiration hazard:	Based on available data the classification criteria are not met.

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
d-Camphor	464-49-3	207-355-2	1500	Not available	1.5	Dust/mist

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

Toxicity:	Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Persistence and degradability:	Not available
Bio accumulative potential:	Not available
Mobility in soil:	Not available
Results of PBT and vPvB assessment:	This substance does not meet the PBT/vPvB criteria of REACH, annex XIII
Other adverse effects:	Not available

Section 13. Disposal consideration

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport Information

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class (es):	Sub Risk:	14.4 Packing Group:
UN Model Regulations	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate)	9	-	III

14.5 Environmental hazards:

This is classified as an environmentally hazardous substance under the UN Model Regulations. This is classified as a Marine Pollutant under the IMDG Code.

14.6 Special precautions for user:

None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

Section 15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

None additional

15.2 Chemical Safety Assessment

None additional

Section 16. Other Information

Concentration % Limits

EH A1=53.28% EH A2=5.20% EH A3=0.51447078% EH C1=53.46% EH C2=5.23% EH C3=0.52342331% EH C4=44.04% SCI 2=15.86% SCI 3=1.49% EDI 1=24.49% EDI 2A=5.99% EDI 2B=39.56% SS 1=3.96% AH 1=74.48%

Total Fractional Values:

EH A1=1.88 EH A2=19.23 EH A3=194.37 EH C1=1.87 EH C2=19.10 EH C3=191.05 EH C4=2.27 SCI 2=6.31 SCI 3=67.13 EDI 1=4.08 EDI 2A=16.68 EDI 2B=2.53 SS 1=25.28 AH 1=1.34

Key to revisions:

Not Applicable

Key to abbreviations:

Abbreviation	Meaning
Aquatic Chronic 3	Hazardous to the Aquatic Environment – Long-term Hazard Category 3
Aquatic Chronic 4	Hazardous to the Aquatic Environment – Long-term Hazard Category 4
Asp. Tox 1	Aspiration Hazard Category 1
Eye Dam. 1	Eye Damage / Irritation Category 1

Eye Irrit. 2A	Eye Damage / Irritation Category 2A
Eye Irrit. 2B	Eye Damage / Irritation Category 2B
Flam. Liq. 3	Flammable Liquid, Hazard Category 3
Flam. Liq. 4	Flammable Liquid, Hazard Category 4
Flam. Sol. 1	Flammable Solid, Hazard Category 1
Flam. Sol. 2	Flammable Solid, Hazard Category 2
H226	Flammable liquid and vapour.
H227	Combustible liquid.
H228	Flammable solid.
H302	Harmful if swallowed.
H303	May be harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H313	May be harmful in contact with skin.
H315	Causes skin irritation.
H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H320	Causes eye irritation.
H332	Harmful if inhaled.
H361	Suspected of damaging fertility or the unborn child (exposure route).
H371	May cause damage to organs (organs, exposure route).
H400	Very toxic to aquatic life.
H401	Toxic to aquatic life.
H402	Harmful to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, sparks, open flames and hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe vapour or dust.

P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308/313	IF exposed or concerned: Get medical advice/attention.
P309/311	IF exposed or if you feel unwell: Call a POISON CENTRE or doctor/physician.
P310	Immediately call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
Repr. 2	Toxic to Reproduction Category 2
STOT SE 2	Specific Target Organ Toxicity (Single Exposure) Category 2
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Irrit. 3	Skin Corrosion / Irritation Category 3
Skin Sens. 1	Sensitisation – Skin Category 1

Skin Sens. 1B	Sensitisation – Skin Category 1B
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The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.