

Vanilla, Patchouli & Sandalwood

Fragrance Oil

Product:	Vanilla, Patchouli & Sandalwood Fragrance Oil
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Document type:	Safety Data Sheet (UN GHS)

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

1.1 Product Identifier

Product identifier: Vanilla, Patchouli & Sandalwood Fragrance Oil

Other identifiers: None

1.2 Relevant identified uses of the substance or mixture

Product uses: Fragrances — for use in candles, melts, and personal care products in accordance with good manufacturing and industrial hygiene practices.

Uses advised against: Not for undiluted skin application or ingestion.

1.3 Details of the supplier of the safety data sheet

Company name: Wickii

Company address: Baringa, QLD 4551, Australia

Website: wickii.com.au

Contact: Customer Service

Email: hello@wickii.com.au

1.4 Emergency telephone number

Poisons Information Centre (Australia): 13 11 26 (24 hours)

Emergency services: 000

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Class and category of danger:

- Flammable Liquid, Hazard Category 4
- Acute Toxicity — Oral Category 5
- Skin Corrosion / Irritation Category 2

- Eye Damage / Irritation Category 2
- Sensitization — Skin Category 1
- Hazardous to the Aquatic Environment — Acute Hazard Category 1
- Hazardous to the Aquatic Environment — Long-term Hazard Category 2

H227 — Combustible liquid.

H303 — May be harmful if swallowed.

H315 — Causes skin irritation.

H317 — May cause an allergic skin reaction.

H319 — Causes serious eye irritation.

H400 — Very toxic to aquatic life.

H411 — Toxic to aquatic life with long lasting effects.

2.2 Label elements

Signal word: Warning

Hazard statements:

H227 — Combustible liquid.

H303 — May be harmful if swallowed.

H315 — Causes skin irritation.

H317 — May cause an allergic skin reaction.

H319 — Causes serious eye irritation.

H400 — Very toxic to aquatic life.

H411 — 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.

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.

P312 — Call a POISON CENTRE or doctor / physician if you feel unwell.

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.

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.

P501 — Dispose of contents / container to approved disposal site, in accordance with local regulations.

Pictograms:



GHS07



GHS09

2.3 Other hazards

Other hazards: None

Section 3. Composition / information on ingredients

3.2 Mixtures

Contains:

Name	CAS	EC	%	GHS Classification
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran	1222-05-5	214-946-9	10-<20%	Skin Irrit. 3 - Aquatic Acute 1 - Aquatic Chronic 1; H316-H410
Benzyl benzoate	120-51-4	204-402-9	10-<20%	Acute Tox. 4 - Acute Tox. 5 - Aquatic Acute 1 - Aquatic Chronic 2; H302-H313-H400-H411
Linalyl acetate	115-95-7	204-116-4	5-<10%	Flam. Liq. 4 - Skin Irrit. 2 - Eye Irrit. 2B - Skin Sens. 1B - Aquatic Acute 3; H227-H315-H317-H320-H402
Methyl dihydrojasmonate	24851-98-7	246-495-9	5-<10%	Aquatic Acute 3; H402
Linalool	78-70-6	201-134-4	5-<10%	Flam. Liq. 4 - Acute Tox. 5 - Skin Irrit. 2 - Eye Irrit. 2A - Skin Sens. 1B - Aquatic Acute 3; H227-H303-H315-H317-H319-H402
Coumarin	91-64-5	202-086-7	5-<10%	Acute Tox. 4 - Skin Sens. 1B - Aquatic Acute 3; H302-H317-H402
Ethyl vanillin	121-32-4	204-464-7	5-<10%	Acute Tox. 5 - Eye Irrit. 2B - Aquatic Acute 3; H303-H320-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
Phenol, 2-methoxy-, reaction products with 2,2-dimethyl-3-methylenebicyclo[2.2.1]heptane, hydrogenated	70955-71-4	275-062-7	5-<10%	Skin Irrit. 3 - Aquatic Acute 2 - Aquatic Chronic 2; H316-H411
dl-Citronellol	106-22-9	203-375-0	1-<5%	Acute Tox. 5 - Skin Irrit. 2 - Eye Irrit. 2A - Skin Sens. 1B - Aquatic Acute 2; H303-H313-H315-H317-H319-H401
Ethyl maltol	4940-11-8	225-582-5	1-<5%	Acute Tox. 4 - Aquatic Acute 2; H302-H401
3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde	31906-04-4	250-863-4	1-<5%	Skin Sens. 1A - Aquatic Acute 3; H317-H402
Geraniol	106-24-1	203-377-1	1-<5%	Acute Tox. 5 - Skin Irrit. 2 - Eye Dam. 1 - Skin Sens. 1B - Aquatic Acute 3; H303-H315-H317-H318-H402
Piperonal	120-57-0	204-409-7	1-<5%	Acute Tox. 5 - Skin Sens. 1B - Aquatic Acute 2; H303-H317-H401
5-(2,2,3-Trimethyl-3-cyclopentenyl)-3-methylpentan-2-ol	65113-99-7	265-453-0	1-<5%	Skin Irrit. 3 - Eye Irrit. 2A - Aquatic Acute 2 - Aquatic Chronic 2; H316-H319-H411
alpha-iso-Methylionone	127-51-5	204-846-3	1-<5%	Skin Irrit. 3 - Skin Sens. 1B - Aquatic Acute 2 - Aquatic Chronic 2; H316-H317-H411
Patchouli alcohol	5986-55-0	227-807-2	1-<5%	Aquatic Acute 2 - Aquatic Chronic 2; H411
Acetyl cedrene	32388-55-9	251-020-3	1-<5%	Acute Tox. 5 - Skin Sens. 1B - Aquatic Acute 1 - Aquatic Chronic 1; H303-H317-H410
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

Name	CAS	EC	%	GHS Classification
p-Mentha-1,4-diene	99-85-4	202-794-6	0.1-<1%	Flam. Liq. 3 - Acute Tox. 5 - Skin Irrit. 3 - Repr. 2 - Asp. Tox 1; H226-H303-H304-H316-H361
alpha-Guaiene	3691-12-1	—	0.1-<1%	Skin Irrit. 2 - Eye Irrit. 2A - Asp. Tox 1; H304-H315-H319
beta-Caryophyllene	87-44-5	201-746-1	0.1-<1%	Skin Sens. 1B - Asp. Tox 1 - Aquatic Chronic 4; H304-H317-H413
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
1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	76-22-2	200-945-0	0.1-<1%	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
l-Carvone	6485-40-1	229-352-5	0.1-<1%	Flam. Liq. 4 - Acute Tox. 5 - Skin Sens. 1B - Aquatic Acute 2; H227-H313-H317-H401
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
Eucalyptol	470-82-6	207-431-5	0.1-<1%	Flam. Liq. 3 - Acute Tox. 5 - Skin Irrit. 3 - Skin Sens. 1B; H226-H303-H316-H317

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

Section 4. First-aid measures

4.1 Description of first aid measures

Skin exposure: IF ON SKIN: Wash with plenty of soap and water.

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

Ingestion: Call a POISON CENTRE or doctor / physician if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

May be harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.

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 Sections 7 and 8.

6.2 Environmental precautions

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

6.3 Methods 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 Precautions 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 any 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 and 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
pH:	Not determined
Initial boiling point / range:	Not determined
Flash point:	> 90 °C
Vapour pressure:	Not determined

Relative density: Not determined

Solubility(ies): Not determined

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.

May be harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.

Acute Oral Toxicity (LD50 / ATE): 3423

Acute Dermal Toxicity (LD50 / ATE): >5000

Acute Inhalation Toxicity (LC50 / ATE): Not Available

Inhalation Route: Not Available

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50 Oral (mg/kg)	LD50 Dermal (mg/kg)	LC50 Inhalation	Route
Benzyl benzoate	120-51-4	204-402-9	1500	4000	Not available	Not available
Coumarin	91-64-5	202-086-7	500	Not available	Not available	Not available
Ethyl maltol	4940-11-8	225-582-5	1200	Not available	Not available	Not available

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity

Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential:	Not available
12.4 Mobility in soil:	Not available
12.5 PBT / vPvB assessment:	This substance does not meet the PBT / vPvB criteria of REACH, Annex XIII.
12.6 Other adverse effects:	Not available

Section 13. Disposal considerations

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:	UN3082
14.2 UN Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran, d-Limonene)
14.3 Transport hazard class(es):	9
Sub Risk:	—
14.4 Packing Group:	III
14.5 Environmental hazards:	This is an environmentally hazardous substance.
14.6 Special precautions for user:	None additional
14.7 Maritime transport in bulk:	Not applicable

Section 15. Regulatory information

15.1 Safety, health and environmental regulations

None additional.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Concentration % Limits:	EH A1 = 68.58% EH A2 = 6.49% EH A3 = 0.6434% EH C2 = 9.39% EH C3 = 0.9395% EH C4 = 54.21% SCI 2 = 40.43% SCI 3 = 3.41% EDI 2A = 19.35% EDI 2B = 83.06% SS 1 = 2.62%
Total Fractional Values:	EH A1 = 1.46 EH A2 = 15.40 EH A3 = 155.43 EH C2 = 10.64 EH C3 = 106.44 EH C4 = 1.84 SCI 2 = 2.47 SCI 3 = 29.30 EDI 2A = 5.17 EDI 2B = 1.20 SS 1 = 38.21

Key to abbreviations

Abbreviation	Meaning
Acute Tox. 4	Acute Toxicity — Oral / Inhalation Category 4
Acute Tox. 5	Acute Toxicity — Oral / Dermal Category 5
Aquatic Acute 1 / 2 / 3	Hazardous to the Aquatic Environment — Acute Hazard Category 1 / 2 / 3
Aquatic Chronic 1 / 2 / 4	Hazardous to the Aquatic Environment — Long-term Hazard Category 1 / 2 / 4

Abbreviation	Meaning
Asp. Tox 1	Aspiration Hazard Category 1
Eye Dam. 1	Eye Damage / Irritation Category 1
Eye Irrit. 2A / 2B	Eye Damage / Irritation Category 2A / 2B
Flam. Liq. 3 / 4	Flammable Liquid, Hazard Category 3 / 4
Flam. Sol. 2	Flammable Solid, Hazard Category 2
Repr. 2	Toxic to Reproduction Category 2
STOT SE 2	Specific Target Organ Toxicity (Single Exposure) Category 2
Skin Irrit. 2 / 3	Skin Corrosion / Irritation Category 2 / 3
Skin Sens. 1A / 1B	Sensitization — Skin Category 1A / 1B
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.
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.

Abbreviation	Meaning
P243	Take precautionary measures against static discharge.
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.
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.
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.
P312	Call a POISON CENTRE or doctor / physician if you feel unwell.
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.
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.
P501	Dispose of contents / container to approved disposal site, in accordance with local regulations.

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.