

# Blood Orange

## Fragrance Oil

<b>Product:</b>	Blood Orange Fragrance Oil
<b>Issue date:</b>	15/05/2026
<b>Version:</b>	1
<b>Document type:</b>	Safety Data Sheet (UN GHS)

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

### 1.1 Product Identifier

<b>Product identifier:</b>	Blood Orange Fragrance Oil
<b>Other identifiers:</b>	None

### 1.2 Relevant identified uses of the substance or mixture

<b>Product uses:</b>	Fragrances — for use in candles, melts, and personal care products in accordance with good manufacturing and industrial hygiene practices.
<b>Uses advised against:</b>	Not for undiluted skin application or ingestion.

### 1.3 Details of the supplier of the safety data sheet

<b>Company name:</b>	Wickii
<b>Company address:</b>	Baringa, QLD 4551, Australia
<b>Website:</b>	wickii.com.au
<b>Contact:</b>	Customer Service
<b>Email:</b>	hello@wickii.com.au

### 1.4 Emergency telephone number

<b>Poisons Information Centre (Australia):</b>	13 11 26 (24 hours)
<b>Emergency services:</b>	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
- 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.

**H303** — May be harmful if swallowed.

**H304** — May be fatal if swallowed and enters airways.

**H315** — Causes skin irritation.

**H317** — May cause an allergic skin reaction.

**H319** — Causes serious eye irritation.

**H410** — Very toxic to aquatic life with long lasting effects.

## 2.2 Label elements

**Signal word:**

**Danger**

### Hazard statements:

H227 — Combustible liquid.

H303 — May be harmful if swallowed.

H304 — May be fatal if swallowed and enters airways.

H315 — Causes skin irritation.

H317 — May cause an allergic skin reaction.

H319 — Causes serious eye irritation.

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 CENTRE 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.

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

P331 — Do not induce vomiting.

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.

P405 — Store locked up.

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

### Pictograms:



GHS07



GHS08



GHS09

## 2.3 Other hazards

Other hazards: None

## Section 3. Composition / information on ingredients

### 3.2 Mixtures

Contains:

Name	CAS	%	GHS Classification
d-Limonene	5989-27-5	10-<20%	Flam. Liq. 3 - Skin Irrit. 2 - Skin Sens. 1B - Asp. Tox 1 - Aquatic Acute 1 - Aquatic Chronic 1; H226-H304-H315-H317-H410
Methyl dihydrojasmonate	24851-98-7	10-<20%	Aquatic Acute 3; H402
Linalool	78-70-6	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
Phenethyl alcohol	60-12-8	5-<10%	Acute Tox. 4 - Acute Tox. 5 - Skin Irrit. 3 - Eye Irrit. 2A; H302-H313-H316-H319
Terpineol	8000-41-7	5-<10%	Flam. Liq. 4 - Acute Tox. 5 - Skin Irrit. 2 - Eye Irrit. 2A - Aquatic Acute 3; H227-H303-H315-H319-H402
Benzyl benzoate	120-51-4	5-<10%	Acute Tox. 4 - Acute Tox. 5 - Aquatic Acute 1 - Aquatic Chronic 2; H302-H313-H400-H411
Citral	5392-40-5	5-<10%	Acute Tox. 5 - Skin Irrit. 2 - Eye Irrit. 2A - Skin Sens. 1 - Aquatic Acute 2; H313-H315-H317-H319-H401
2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol	63500-71-0	5-<10%	Eye Irrit. 2A; H319
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran	1222-05-5	5-<10%	Skin Irrit. 3 - Aquatic Acute 1 - Aquatic Chronic 1; H316-H410
2-Phenoxyethyl isobutyrate	103-60-6	1-<5%	Skin Irrit. 3; H316
dl-Citronellol	106-22-9	1-<5%	Acute Tox. 5 - Skin Irrit. 2 - Eye Irrit. 2A - Skin Sens. 1B - Aquatic Acute 2; H303-H313-H315-H317-H319-H401
Linalyl acetate	115-95-7	1-<5%	Flam. Liq. 4 - Skin Irrit. 2 - Eye Irrit. 2B - Skin Sens. 1B - Aquatic Acute 3; H227-H315-H317-H320-H402
Methyl beta-naphthyl ketone	93-08-3	1-<5%	Acute Tox. 5 - Aquatic Acute 2; H303-H401
Hydroxycitronellal	107-75-5	1-<5%	Eye Irrit. 2A - Skin Sens. 1B - Aquatic Acute 3; H317-H319-H402
Allyl cyclohexanepropionate	2705-87-5	1-<5%	Acute Tox. 4 - Skin Sens. 1 - Aquatic Acute 1 - Aquatic Chronic 1; H302-H312-H317-H332-H410
Methyl anthranilate	134-20-3	1-<5%	Acute Tox. 5 - Skin Irrit. 3 - Eye Irrit. 2A - Aquatic Acute 2; H303-H316-H319-H401
beta-Pinene	127-91-3	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
Geranyl acetate	105-87-3	0.1-<1%	Skin Irrit. 2 - Skin Sens. 1B - Aquatic Acute 2 - Aquatic Chronic 3; H315-H317-H401-H412
p-Mentha-1,4-diene	99-85-4	0.1-<1%	Flam. Liq. 3 - Acute Tox. 5 - Skin Irrit. 3 - Repr. 2 - Asp. Tox 1; H226-H303-H304-H316-H361
Myrcene	123-35-3	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

Name	CAS	%	GHS Classification
(E)-1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one	24720-09-0	0.1-<1%	Acute Tox. 4 - Acute Tox. 5 - Skin Sens. 1B - Aquatic Acute 2 - Aquatic Chronic 2; H302-H313-H317-H411
l-Carvone	6485-40-1	0.1-<1%	Flam. Liq. 4 - Acute Tox. 5 - Skin Sens. 1B - Aquatic Acute 2; H227-H313-H317-H401
alpha-Pinene	80-56-8	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
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde	68039-49-6	0.1-<1%	Flam. Liq. 4 - Acute Tox. 5 - Skin Irrit. 2 - Eye Irrit. 2A - Skin Sens. 1B - Aquatic Acute 2 - Aquatic Chronic 2; H227-H303-H315-H317-H319-H411
Thymol	89-83-8	0.1-<1%	Acute Tox. 4 - Skin Corr. 1B - Eye Dam. 1 - Aquatic Acute 2 - Aquatic Chronic 2; H302-H314-H411

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

## Section 4. First-aid measures

### 4.1 Description of first aid measures

<b>Inhalation:</b>	Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
<b>Eye exposure:</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Skin exposure:</b>	IF ON SKIN: Wash with plenty of soap and water.
<b>Ingestion:</b>	IF SWALLOWED: Immediately call a POISON CENTRE or doctor / physician. Do not induce vomiting.

### 4.2 Most important symptoms and effects, both acute and delayed

May be harmful if swallowed. May be fatal if swallowed and enters airways. 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

<b>Suitable media:</b>	Carbon dioxide, dry chemical, foam.
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### 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. Store locked up. 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

<b>Appearance:</b>	Not determined
<b>Odour:</b>	Not determined
<b>Odour threshold:</b>	Not determined
<b>pH:</b>	Not determined
<b>Melting point / freezing point:</b>	Not determined
<b>Initial boiling point / range:</b>	Not determined
<b>Flash point:</b>	> 80 °C
<b>Evaporation rate:</b>	Not determined
<b>Flammability (solid, gas):</b>	Not determined

<b>Upper / lower flammability or explosive limits:</b>	Product does not present an explosion hazard
<b>Vapour pressure:</b>	Not determined
<b>Vapour density:</b>	Not determined
<b>Relative density:</b>	Not determined
<b>Solubility(ies):</b>	Not determined
<b>Partition coefficient: n-octanol / water:</b>	Not determined
<b>Auto-ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not determined
<b>Viscosity:</b>	Not determined
<b>Explosive properties:</b>	Not expected
<b>Oxidising properties:</b>	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.

<b>Acute Toxicity:</b>	Acute Toxicity — Oral Category 5
<b>Acute Toxicity Oral:</b>	4704
<b>Acute Toxicity Dermal:</b>	>5000
<b>Acute Toxicity Inhalation:</b>	Not Available
<b>Skin corrosion / irritation:</b>	Skin Corrosion / Irritation Category 2
<b>Serious eye damage / irritation:</b>	Eye Damage / Irritation Category 2
<b>Respiratory or skin sensitisation:</b>	Sensitization — Skin Category 1

<b>Germ cell mutagenicity:</b>	Based on available data the classification criteria are not met.
<b>Carcinogenicity:</b>	Based on available data the classification criteria are not met.
<b>Reproductive toxicity:</b>	Based on available data the classification criteria are not met.
<b>STOT-single exposure:</b>	Based on available data the classification criteria are not met.
<b>STOT-repeated exposure:</b>	Based on available data the classification criteria are not met.
<b>Aspiration hazard:</b>	<b>Aspiration Hazard Category 1</b>

**Information about hazardous ingredients in the mixture**

Ingredient	CAS	LD50 Oral (mg/kg)	LD50 Dermal (mg/kg)	LC50 Inhalation	Route
Allyl cyclohexanepropionate	2705-87-5	480	1600	11	Vapour
Benzyl benzoate	120-51-4	1500	4000	Not available	Not available
Citral	5392-40-5	Not available	2250	Not available	Not available
Linalool	78-70-6	2790	Not available	Not available	Not available
Methyl anthranilate	134-20-3	2780	Not available	Not available	Not available
Methyl beta-naphthyl ketone	93-08-3	2500	Not available	Not available	Not available
Phenethyl alcohol	60-12-8	1610	2500	Not available	Not available
Terpineol	8000-41-7	4300	Not available	Not available	Not available
dl-Citronellol	106-22-9	3450	2650	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 with long lasting effects.

<b>12.2 Persistence and degradability:</b>	Not available
<b>12.3 Bioaccumulative potential:</b>	Not available
<b>12.4 Mobility in soil:</b>	Not available
<b>12.5 Other adverse effects:</b>	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	14.2 UN Proper Shipping Name	14.3 Class	Sub Risk	14.4 PG
UN Model Regulations	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (d-Limonene, 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran)	9	—	III
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (as above) — MARINE POLLUTANT	9	—	III
ADR, RID, ADN	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (as above)	9	—	III

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Class	Sub Risk	14.4 PG
ICAO TI	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (as above)	9	—	III

**14.5 Environmental hazards:** Classified as an environmentally hazardous substance under the UN Model Regulations. Classified as a Marine Pollutant under the IMDG Code.

**14.6 Special precautions for user:** None additional

**14.7 Maritime transport in bulk:** Not applicable

## Section 15. Regulatory information

None additional.

## Section 16. Other information

**Concentration % Limits:** EH A1 = 77.17% | EH A2 = 7.45% | EH A3 = 0.7377% | EH C1 = 96.24% | EH C2 = 9.41% | EH C3 = 0.9406% | EH C4 = 78.09% | SCI 2 = 20.55% | SCI 3 = 1.90% | EDI 2A = 20.63% | SS 1 = 5.42% | AH 1 = 49.08%

**Total Fractional Values:** EH A1 = 1.30 | EH A2 = 13.42 | EH A3 = 135.56 | EH C1 = 1.04 | EH C2 = 10.63 | EH C3 = 106.32 | EH C4 = 1.28 | SCI 2 = 4.87 | SCI 3 = 52.50 | EDI 2A = 4.85 | SS 1 = 18.44 | AH 1 = 2.04

### Key to abbreviations

Abbreviation	Meaning
Acute Tox. 4	Acute Toxicity — Oral / Dermal / 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 / 3	Hazardous to the Aquatic Environment — Long-term Hazard Category 1 / 2 / 3
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
Repr. 2	Toxic to Reproduction Category 2
Skin Corr. 1B	Skin Corrosion / Irritation Category 1B
Skin Irrit. 2 / 3	Skin Corrosion / Irritation Category 2 / 3
Skin Sens. 1 / 1B	Sensitization — Skin Category 1 / 1B
H226	Flammable liquid and vapour.
H227	Combustible liquid.
H302	Harmful if swallowed.
H303	May be harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H313	May be harmful in contact with skin.
H314	Causes severe skin burns and eye damage.

Abbreviation	Meaning
H315	Causes skin irritation.
H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H320	Causes eye irritation.
H332	Harmful if inhaled.
H361	Suspected of damaging fertility or the unborn child (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.
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 CENTRE or doctor / physician.
P301/312	IF SWALLOWED: Call a POISON CENTRE or doctor / physician if you feel unwell.
P301/330/331	IF SWALLOWED: Rinse mouth. Do not induce vomiting.
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.

Abbreviation	Meaning
P310	Immediately call a POISON CENTRE 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.

*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.*