# SAFETY DATA SHEET

In accordance with UN GHS latest edition

**Product:** Australian Bush
**Version:** 1

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

**1.1 Product Identifier**
**Product Identifier:** Australian Bush
**Other Identifiers:** None

**1.2 Relevant identified use of the substance of 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:** 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
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:** 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:**

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.
P391, Collect spillage.
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 |
|---|---|---|---|---|
| Benzyl benzoate | 120-51-4 | 204-402-9 | 20-<50% | Acute Tox. 4-Acute Tox. 5-Aquatic Acute 1-Aquatic Chronic 2;H302-H313-H400-H411 |
| Phenethyl alcohol | 60-12-8 | 200-456-2 | 5-<10% | Acute Tox. 4-Acute Tox. 5-Skin Irrit. 3-Eye Irrit. 2A;H302-H313-H316-H319 |
| Eugenol | 97-53-0 | 202-589-1 | 5-<10% | Acute Tox. 5-Skin Irrit. 3-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 2;H303-H316-H317-H319-H401 |
| 2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol | 63500-71-0 | 405-040-6 | 5-<10% | Eye Irrit. 2A;H319 |
| Terpineol | 8000-41-7 | 232-268-1 | 1-<5% | Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Aquatic Acute 3;H227-H303-H315-H319-H402 |
| Methyl dihydrojasmonate | 24851-98-7 | 246-495-9 | 1-<5% | Aquatic Acute 3;H402 |
| Hexyl salicylate | 6259-76-3 | 228-408-6 | 1-<5% | Skin Irrit. 2-Skin Sens. 1-Aquatic Acute 1-Aquatic Chronic 1;H315-H317-H410 |

| | | | | |
|---|---|---|---|---|
| Benzyl acetate | 140-11-4 | 205-399-7 | 1-<5% | Acute Tox. 5-Aquatic Acute 2-Aquatic Chronic 3;H303-H401-H412 |
| Linalyl acetate | 115-95-7 | 204-116-4 | 1-<5% | Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2B-Skin Sens. 1B-Aquatic Acute 3;H227-H315-H317-H320-H402 |
| Isoamyl salicylate | 87-20-7 | 201-730-4 | 1-<5% | Acute Tox. 4-Aquatic Acute 2-Aquatic Chronic 2;H302-H411 |
| Patchouli alcohol | 5986-55-0 | 227-807-2 | 1-<5% | Aquatic Acute 2-Aquatic Chronic 2;H411 |
| Citral | 5392-40-5 | 226-394-6 | 1-<5% | Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1-Aquatic Acute 2;H313-H315-H317-H319-H401 |
| 2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde | 68039-49-6 | 268-264-1 | 1-<5% | 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 |
| 2-Methyl-3-(p-isopropylphenyl) propionaldehyde | 103-95-7 | 203-161-7 | 1-<5% | Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 3;H227-H303-H315-H317-H401-H412 |
| Cedryl acetate | 77-54-3 | 201-036-1 | 1-<5% | Skin Sens. 1B-Aquatic Acute 1-Aquatic Chronic 1;H317-H410 |
| Isocyclocitral | 1335-66-6 | 215-638-7 | 1-<5% | Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 3;H227-H303-H315-H317-H319-H401-H412 |
| alpha-Guaiene | 3691-12-1 | | 1-<5% | Skin Irrit. 2-Eye Irrit. 2A-Asp. Tox 1;H304-H315-H319 |
| 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 |
| 3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde | 31906-04-4 | 250-863-4 | 0.1-<1% | Skin Sens. 1A-Aquatic Acute 3;H317-H402 |
| cis-3-Hexenyl methyl carbonate | 67633-96-9 | 266-797-4 | 0.1-<1% | Flam. Liq. 4-Skin Sens. 1B-Aquatic Acute 2;H227-H317-H401 |
| Hydroxycitronellal | 107-75-5 | 203-518-7 | 0.1-<1% | Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 3;H317-H319-H402 |
| beta-Caryophyllene | 87-44-5 | 201-746-1 | 0.1-<1% | Skin Sens. 1B-Asp. Tox 1-Aquatic Chronic 4;H304-H317-H413 |
| Citronellyl acetate | 150-84-5 | 205-775-0 | 0.1-<1% | Skin Irrit. 2-Aquatic Acute 2-Aquatic Chronic 2;H315-H411 |
| alpha-Cedrene | 469-61-4 | 207-418-4 | 0.1-<1% | Skin Irrit. 3-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H304-H316-H410 |
| beta-Cedrene | 546-28-1 | | <0.1% | Skin Irrit. 3-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H304-H316-H410 |

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

## Section 4. First Aid measures

### 4.1 Description of first aid measures

| | |
|---|---|
| **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 substant 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 |
| **pH:** | Not determined |
| **Initial boiling point / range:** | Not determined |
| **Flash point:** | >100 °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.

Harmful if swallowed.

| | |
|---|---|
| Assumed Toxicity Value (LD50 or ATE) for Acute Oral Toxicity: | 2754 |
| Assumed Toxicity Value (LD50 or ATE) for Acute Dermal Toxicity: | >5000 |

Assumed Toxicity Value (LC50 or ATE) for Acute Inhalation Toxicity: Not Available
Inhalation Route: Not Available

Information about hazardous ingredients in the mixture

| Ingredient | CAS | EC | LD50/ATE Oral | LD50/ATE Dermal | LC50/ATE Inhalation | LC50 Route |
|---|---|---|---|---|---|---|
| Benzyl benzoate | 120-51-4 | 204-402-9 | 1500 | 4000 | Not available | Not available |
| Isoamyl salicylate | 87-20-7 | 201-730-4 | 1406 | Not available | Not available | Not available |
| Phenethyl alcohol | 60-12-8 | 200-456-2 | 1610 | 2500 | Not available | Not available |

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. (Hexyl salicylate, Benzyl benzoate) | 9 | - | III |

**14.5 Environmental hazards:** This is an environmentally hazardous substance.
**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**
A Chemical Safety Assessment has not been carried out for this product.

## Section 16. Other Information

**Concentration % Limits** EH A1=58.83% EH A2=5.57% EH A3=0.55563594% EH C2=20.33% EH C3=2.02% EH C4=43.65% SCI 2=45.37% SCI 3=4.23% EDI 2A=29.00% SS 1=15.85%

**Total Fractional Values:** EH A1=1.70 EH A2=17.95 EH A3=179.97 EH C2=4.92 EH C3=49.47 EH C4=2.29 SCI 2=2.20 SCI 3=23.64 EDI 2A=3.45 SS 1=6.31

**Key to revisions:** Not Applicable

**Key to abbreviations:**

| Abbreviation | Meaning |
|---|---|
| Acute Tox. 4 | Acute Toxicity - Oral Category 4 |
| Acute Tox. 5 | Acute Toxicity - Dermal Category 5 |
| Acute Tox. 5 | Acute Toxicity - Oral Category 5 |
| Aquatic Acute 1 | Hazardous to the Aquatic Environment - Acute Hazard Category 1 |
| Aquatic Acute 2 | Hazardous to the Aquatic Environment - Acute Hazard Category 2 |
| Aquatic Acute 3 | Hazardous to the Aquatic Environment - Acute Hazard Category 3 |
| Aquatic Chronic 1 | Hazardous to the Aquatic Environment - Long-term Hazard Category 1 |
| Aquatic Chronic 2 | Hazardous to the Aquatic Environment - Long-term Hazard Category 2 |
| 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 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 |
| 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. |
| H313 | May be harmful in contact with skin. |
| 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. |
| 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. |
| 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. |

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|---|---|
| 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. |
| 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. |
| 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. |
| 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. |
| Skin Irrit. 2 | Skin Corrosion / Irritation Category 2 |
| Skin Irrit. 3 | Skin Corrosion / Irritation Category 3 |
| Skin Sens. 1 | Sensitization - Skin Category 1 |
| Skin Sens. 1A | Sensitization - Skin Category 1A |
| Skin Sens. 1B | Sensitization - Skin Category 1B |

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.