



All Australian Candle Making  
supplies and kits

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## SECTION 1. Identification of the Material and Supplier

## SAFETY DATA SHEET

Issue Date: 25th February, 2020

### 1.1 Product Identifier

Name : Blood Orange and Grapefruit Fragrance

### 1.2 Recommended Use of the Chemical and Restrictions on Use

Recommended use : For manufacturing use only.

Restrictions on use : Not for personal use in this form or concentration.

### 1.3 Supplier's Details

All Australian Candle Making supplies and kits  
3 Geelans Rd, Arcadia 2159  
Australia ABN:71083221461  
Telephone Number +612 96533600  
Email Address [sales@candlemaking.com.au](mailto:sales@candlemaking.com.au)  
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## SECTION 2. Hazards Identification

### 2.1 Classification of Substance or Mixture

Flammable Liquids (Category 4)  
Skin Corrosion/Irritation (Category 2)  
Hazardous to the Aquatic Environment Acute (Category 3)  
Hazardous to the Aquatic Environment Chronic (Category 3)  
Serious Eye Damage/Irritation (Category 2A)  
Skin-Sensitisation (Category 1B)  
Aspiration Hazard (Category 1)

### 2.2 GHS Label Elements, Including Precautionary Statements

Hazard Pictogram(s)



Signal Word

: DANGER

Hazard Statement(s)

: H227 Combustible liquid.  
H315 Causes skin irritation.  
H402 Harmful to aquatic life.  
H412 Harmful to aquatic life with long lasting effects.  
H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H304 May be fatal if swallowed and enters airways.

Precautionary Statement(s)

: P264 Wash thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/attention.  
P501 Dispose of contents/container to an approved waste disposal plant.  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.  
P331 Do NOT induce vomiting.  
P405 Store locked up.

### 2.3 Other Hazards Which Do Not Result in Classification

None

## SECTION 3: Composition/Information on Ingredients

### 3.1 Substances

Not Applicable - Mixture

### 3.2 Mixtures

| EC No.    | CAS No.                    | Name  | GHS Classification   | %[weight]     |
|-----------|----------------------------|---|--|---------------|
| 201-134-4 | 78-70-6                    | 3,7-dimethylocta-1,6-dien-3-ol                      | SCI 2 (H315),<br>EDI 2 (H319)  | >=10.0 <=30.0 |
| 201-828-7 | 88-41-5                    | (2-tert-butylcyclohexyl) acetate                    | SCI 2 (H315),<br>STO-SE 3 (H335),<br>EDI 2 (H319)                          | >=10.0 <=30.0 |
| 232-433-8 | 68647-72-3 or<br>8008-57-9 | orange oil terpenes                                 | FL 3 (H226),<br>AH 1 (H304),<br>SCI 2 (H315),<br>C2 (H411),<br>SS 1 (H317) | >=10.0 <=30.0 |
| 203-347-8 | 105-95-3                   | 1,4-dioxacycloheptadecane-5,17-dione                | SCI 2 (H315)   | >=10.0 <=30.0 |
| 211-892-8 | 706-14-9                   | 5-hexyloxolan-2-one                                 | SCI 2 (H315),<br>EDI 2A (H319),<br>STO-SE 3 (H335)                         | >0.0 <10.0    |
| 204-116-4 | 115-95-7                   | 3,7-dimethylocta-1,6-dien-3-yl acetate              | SCI 2 (H315),<br>EDI 2A (H319),<br>STO-SE 3 (H335)                         | >0.0 <10.0    |
| 202-216-2 | 93-08-3                    | 1-naphthalen-2-ylethanone                           | C2 (H411)  | >0.0 <10.0    |
| 202-983-3 | 101-86-0                   | 2-(phenylmethylidene)octanal                        | SS 1B (H317)   | >0.0 <10.0    |
| 205-399-7 | 140-11-4                   | benzyl acetate                                      | SCI 2 (H315),<br>STO-SE 3 (H335),<br>EDI 2 (H319)                          | >0.0 <10.0    |
| 200-456-2 | 60-12-8                    | 2-phenylethanol                                     | ATO 4 (H302),<br>EDI 2 (H319)  | >0.0 <10.0    |
| 219-440-1 | 2437-25-4                  | dodecanenitrile                                     | SCI 2 (H315),<br>EH A1 (H400),<br>C1 (H410)                                | >0.0 <10.0    |
| 205-775-0 | 150-84-5                   | 3,7-dimethyloct-6-enyl acetate                      | SCI 2 (H315),<br>C2 (H411)   | >0.0 <10.0    |
| 204-881-4 | 128-37-0                   | 2,6-ditert-butyl-4-methylphenol                     | C2 (H411)  | >0.0 <10.0    |
| 260-709-8 | 57378-68-4                 | 1-(2,6,6-trimethyl-1-cyclohex-3-enyl)but-2-en-1-one | ATO 4 (H302),<br>SCI 2 (H315),<br>C2 (H411)                                | >0.0 <10.0    |
| 202-981-2 | 101-84-8                   | phenoxybenzene                                      | C2 (H411),<br>EDI 2 (H319)   | >0.0 <10.0    |

| EC No.    | CAS No.  | Name         | GHS Classification  | %[weight]  |
|-----------|----------|--------------|---|------------|
| 202-860-4 | 100-52-7 | benzaldehyde | ATO 4 (H302),<br>SCI 2 (H315),<br>ATI 4 (H332),<br>STO-SE 3 (H335),<br>C3 (H412),<br>EDI 2 (H319) | >0.0 <10.0 |

## SECTION 4: First Aid Measures

### 4.1 Description of First Aid Measures

|                  |   |
|------------------|---|
| Ingestion        | : Do NOT induce vomiting.<br>IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.  |
| Eye Contact      | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>If eye irritation persists: Get medical advice/attention. |
| Skin Contact     | : Take off contaminated clothing and wash before reuse.<br>IF ON SKIN: Wash with plenty of soap and water.<br>If skin irritation or rash occurs: Get medical advice/attention.                  |
| Inhalation       | : No damage to health expected, avoid inhalation.   |
| Chronic Exposure | : May cause coughing, dizziness, dullness, and headache.  |

### 4.2. Most Important Symptoms and Effects, Both Acute and Delayed

|                           |  |
|---------------------------|--|
| Acute Or Delayed Symptoms | : No information available on the product itself |
|---------------------------|--|

## SECTION 5: Fire Fighting Measures

### 5.1 Extinguishing Media

|                                |  |
|--------------------------------|--|
| Suitable Extinguishing Media   | : Use foam, carbon dioxide or dry chemical.                        |
| Unsuitable Extinguishing Media | : Do not use solid water stream as it may scatter and spread fire. |

### 5.2 Special Hazards Arising From the Chemical

|                               |   |
|-------------------------------|---|
| Hazardous Combustion Products | : In case of fire, the following can be released: hazardous vapours, carbon dioxide, carbon monoxide. |
|-------------------------------|---|

### 5.3 Special Protective Actions for Fire Fighters

|  |  |
|--|--|
| Special Protective Equipment for Fire-fighters | : Avoid inhalation of generated fumes or vapours. Use appropriate respiratory equipment. |
| Hazchem Code                                   | : N/A  |

## SECTION 6: Accidental Release Measures

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

#### 6.1.1 For Non-Emergency Personnel

|                      |  |
|----------------------|--|
| Protective Equipment | : Chemical safety goggles must be worn.<br>Handle the product using protective gloves.                               |
| Personal Precautions | : Remove all ignition sources and ventilate area.<br>Avoid contact with skin and inhalation of its vapours or smoke. |
| Emergency Procedures | : No specific advice other than above.   |

#### 6.1.2 For Emergency Responders

No specific advice other than above.

### 6.2 Environmental Precautions

Environmental Precautions : Should not be released into the environment.  
Keep contained to prevent contamination of drains, soil or ground water.

### 6.3 Methods and Material for Containment and Cleaning Up

To contain a spill : Dam up.  
Methods and Suitable materials for spill containment : Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).  
Cleaning up : Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

## SECTION 7: Handling and Storage

### 7.1 Precautions for Safe Handling

Measures to prevent fire : Keep away from ignition sources and naked flames.  
When using do not smoke.  
Measures to protect the environment : Dispose of rinse water in accordance with local and national regulations.  
Advice on general occupational hygiene : Avoid excessive inhalation of concentrated vapours. Follow good manufacturing practices for housekeeping and personal hygiene. Wash any exposed skin immediately after chemical contact, before breaks and meals, and at the end of each work period. Contaminated clothing and shoes should be thoroughly cleaned before reuse.

### 7.2 Conditions for Safe Storage, Including any Incompatibilities

Technical measures and storage conditions : Keep container closed when not in use.  
Store in a cool, dry, ventilated area away from sources of heat, moisture, and incompatible substances. Protect container from physical damage.

## SECTION 8: Exposure Controls/Personal Protection

### 8.1 Control Parameters

3,7-dimethylocta-1,6-dien-3-ol (CAS: 78-70-6) : No Data Available  
(2-tert-butylcyclohexyl) acetate (CAS: 88-41-5) : No Data Available  
orange oil terpenes (CAS: 68647-72-3 or 8008-57-9) : No Data Available  
1,4-dioxacycloheptadecane-5,17-dione (CAS: 105-95-3) : No Data Available  
5-hexyloxolan-2-one (CAS: 706-14-9) : No Data Available  
3,7-dimethylocta-1,6-dien-3-yl acetate (CAS: 115-95-7) : No Data Available  
1-naphthalen-2-ylethanone (CAS: 93-08-3) : No Data Available  
2-(phenylmethylidene)octanal (CAS: 101-86-0) : No Data Available  
benzyl acetate (CAS: 140-11-4) : No Data Available  
2-phenylethanol (CAS: 60-12-8) : No Data Available  
dodecanenitrile (CAS: 2437-25-4) : No Data Available  
3,7-dimethyloct-6-enyl acetate (CAS: 150-84-5) : No Data Available  
2,6-ditert-butyl-4-methylphenol (CAS: 128-37-0) : No Data Available  
1-(2,6,6-trimethyl-1-cyclohex-3-enyl)but-2-en-1-one (CAS: 57378-68-4) : No Data Available  
phenoxybenzene (CAS: 101-84-8) : Workplace Exposure Standards for Airborne Contaminants - 1.0 ppm for 8 hours, (Short term: 2.0 ppm), 7.0 mg/m<sup>3</sup> for 8 hours, (Short term: 14.0 mg/m<sup>3</sup>)

Respiratory Protection : Avoid breathing vapour. Respiratory protection is not required during normal operations where ventilation is sufficient.  
Hand Protection : Avoid skin contact. Use chemically resistant gloves.  
General Protection : Follow good manufacturing practices for personal hygiene. Wash any exposed skin immediately after chemical contact, before breaks and meals, and at the end of each work period.  
Engineering Controls : Ensure that eyewash stations and safety showers are proximal to the workstation location.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value.

## 8.2 Exposure Controls

Eye Protection

: Avoid eye contact. Use safety glasses with side shield or goggles.  
Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

Skin Protection

: Avoid skin contact. Wear clothing that provides comprehensive protection to the skin.  
Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

## SECTION 9: Physical and Chemical Properties

### Physical and Chemical Properties

|                               |                 |
|-------------------------------|-----------------|
| Appearance                    | : Liquid        |
| Colour                        | : Colourless    |
| Aroma/Odour                   | : Citrus        |
| Refractive Index              | : 1.456 - 1.476 |
| Specific Gravity (20°C/20°C)  | : 0.916 - 0.936 |
| Flash Point (Closed Cup Test) | : = 74.0 °C     |

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

Reactivity Hazards : No dangerous reaction known under conditions of normal use.

### 10.2 Chemical Stability

Chemical Stability : Stable under ordinary conditions of use and storage.

### 10.3 Possibility of Hazardous Reactions

Hazardous Reactions : No dangerous reaction known under conditions of normal use.

### 10.4 Conditions to Avoid

Conditions to Avoid : Heat, flames, ignition sources and incompatibles.

### 10.5 Incompatible Materials

Incompatibilities : None known.

### 10.6 Hazardous Decomposition Products

Hazardous Decomposition Products : Stable under ordinary conditions of use and storage.

## SECTION 11: Toxicological Information

### 11.1 Information on Toxicological Effects

This mixture has not been tested as a whole for health effects

#### Information about Hazardous Ingredients in the Mixture:

| EC No.    | CAS No. | Name                             | LD50/ATE Oral  | LD50/ATE Dermal | LC50/ATE Inhalation |
|-----------|---------|----------------------------------|----------------|-----------------|---------------------|
| 201-134-4 | 78-70-6 | 3,7-dimethylocta-1,6-dien-3-ol   | Not Determined | Not Determined  | Not Determined      |
| 201-828-7 | 88-41-5 | (2-tert-butylcyclohexyl) acetate | Not Determined | Not Determined  | Not Determined      |

| EC No.    | CAS No.                 | Name  | LD50/ATE<br>Oral | LD50/ATE<br>Dermal | LC50/ATE<br>Inhalation |
|-----------|-------------------------|---|------------------|--------------------|------------------------|
| 232-433-8 | 68647-72-3 or 8008-57-9 | orange oil terpenes                                 | Not Determined   | Not Determined     | Not Determined         |
| 203-347-8 | 105-95-3                | 1,4-dioxacycloheptadecane-5,17-dione                | Not Determined   | Not Determined     | Not Determined         |
| 211-892-8 | 706-14-9                | 5-hexyloxolan-2-one                                 | Not Determined   | Not Determined     | Not Determined         |
| 204-116-4 | 115-95-7                | 3,7-dimethylocta-1,6-dien-3-yl acetate              | Not Determined   | Not Determined     | Not Determined         |
| 202-216-2 | 93-08-3                 | 1-naphthalen-2-ylethanone                           | Not Determined   | Not Determined     | Not Determined         |
| 202-983-3 | 101-86-0                | 2-(phenylmethyldene)octanal                         | Not Determined   | Not Determined     | Not Determined         |
| 205-399-7 | 140-11-4                | benzyl acetate                                      | Not Determined   | Not Determined     | Not Determined         |
| 200-456-2 | 60-12-8                 | 2-phenylethanol                                     | 500              | Not Determined     | Not Determined         |
| 219-440-1 | 2437-25-4               | dodecanenitrile                                     | Not Determined   | Not Determined     | Not Determined         |
| 205-775-0 | 150-84-5                | 3,7-dimethyloct-6-enyl acetate                      | Not Determined   | Not Determined     | Not Determined         |
| 204-881-4 | 128-37-0                | 2,6-ditert-butyl-4-methylphenol                     | Not Determined   | Not Determined     | Not Determined         |
| 260-709-8 | 57378-68-4              | 1-(2,6,6-trimethyl-1-cyclohex-3-enyl)but-2-en-1-one | 500              | Not Determined     | Not Determined         |
| 202-981-2 | 101-84-8                | phenoxybenzene                                      | Not Determined   | Not Determined     | Not Determined         |
| 202-860-4 | 100-52-7                | benzaldehyde  | 500              | Not Determined     | Not Determined         |

## SECTION 12: Ecological Information

### 121 Toxicity

Environmental Toxicity

: No specific ecological information is available for this product. Avoid contaminating the soil as well as surface and ground water.

### 122 Persistence and Degradability

Degradability

: No specific ecological information is available for this product. Avoid contaminating the soil as well as surface and ground water.

### 123 Bioaccumulative Potential

Bioaccumulative Potential

: No specific ecological information is available for this product. Avoid contaminating the soil as well as surface and ground water.

### 124 Mobility in Soil

Mobility in Soil

: No specific ecological information is available for this product. Avoid contaminating the soil as well as surface and ground water.

## 125 Results of PBT and vPvB Assessment

PBT or a vPvB Assessment

: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

## 126 Other Adverse Effects

None

## SECTION 13: Disposal Considerations

### 13.1 Waste Treatment Methods

Disposal

: Dispose of according to local regulations. Avoid disposing into drainage systems and into the environment.

## SECTION 14: Transport Information

|  | ADR/RID       | IMDG          | ICAO/IATA      |
|--|---------------|---------------|----------------|
| 14.1 UN Number   | Non Hazardous | Non Hazardous | Non Hazardous  |
| 14.2 UN Proper Shipping Name   | Non Hazardous | Non Hazardous | Non Hazardous  |
| 14.3 Transport Hazard Class(es)  | None          | None          | None           |
| Sub Risk   | None          | None          | None           |
| 14.4 Packing Group   | None          | None          | None           |
| 14.5 Environmental Hazards   | No            | No            | Not Applicable |
| 14.6 Special Precautions for User  | None          | None          | None           |
| 14.7 Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code | None          | None          | None           |

## SECTION 15: Regulatory Information

### 15.1 Safety, Health and Environmental Regulations Specific for the Product in Question

#### 15.1.1 Classification for Mixtures According to GHS (Rev.7) (2017)

No Further Data Available

#### 15.1.2 National Regulations

No Further Information.

## SECTION 16: Other Information

### Revisions

Revision 1.8 (November 2019)

### Abbreviations and Acronyms

AH 1 - Aspiration Hazard Category 1

ATI 4 - Acute Toxicity-INHALATION Category 4

ATO 4 - Acute Toxicity-ORAL Category 4

C1 - Hazardous to the Aquatic Environment Chronic Category 1

C2 - Hazardous to the Aquatic Environment Chronic Category 2

C3 - Hazardous to the Aquatic Environment Chronic Category 3

EDI 2 - Serious Eye Damage/Irritation Category 2  
EDI 2A - Serious Eye Damage/Irritation Category 2A  
EH A1 - Hazardous to the Aquatic Environment Acute Category 1  
FL 3 - Flammable Liquids Category 3  
SCI 2 - Skin Corrosion/Irritation Category 2  
SS 1 - Skin-Sensitisation Category 1  
SS 1B - Skin-Sensitisation Category 1B  
STO-SE 3 - Specific Target Organ Toxicity(Single Exposure) Category 3  
H226 - Flammable liquid and vapour.  
H302 - 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.  
H332 - Harmful if inhaled.  
H335 - May cause respiratory irritation.  
H400 - Very toxic 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.

### **Further Information**

The above mentioned statements are based on our knowledge and information at the date stated on this Safety Data Sheet. The Safety Data Sheet is intended to provide information for a health and safety assessment of the material. This document is not intended for quality assurance purposes.

This is an electronically generated document and requires no signature.