



All Australian Candle Making
supplies and kits

PO Box 113, Galston NSW 2159
Phone: 02 9653 3600
Mail: sales@candlemaking.com.au
Web: www.candlemaking.com.au
facebook: www.facebook.com/candlemakingsupplies

SAFTEY DATA SHEET

SECTION 1. Identification of the Material and Supplier

1.1 Product Identifier

Name : Coral Reef 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

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3 Geelans Rd, Arcadia 2159
Australia ABN:71083221461
Telephone Number +612 96533600
Email Address sales@candlemaking.com.au
Emergency Tel No Emergency No. [13 11 26](tel:131126)

SECTION 2. Hazards Identification

2.1 Classification of Substance or Mixture

Skin Corrosion/Irritation (Category 2)
Hazardous to the Aquatic Environment Chronic (Category 2)
Serious Eye Damage/Irritation (Category 2A)
Skin-Sensitisation (Category 1B)

2.2 GHS Label Elements, Including Precautionary Statements

Hazard Pictogram(s)



Signal Word : WARNING

Hazard Statement(s) : H315 Causes skin irritation.
H411 Toxic to aquatic life with long lasting effects.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.

Precautionary Statement(s) : P103 Read carefully and follow all instructions.
P273 Avoid release to the environment.
P391 Collect spillage.
P501 Dispose of contents/container to an approved waste disposal plant.
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.



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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]
259-174-3	54464-57-2	1-(2,3,8,8-tetramethyl-1,3,4,5,6,7-hexahydronaphthalen-2-yl)ethanone	SCI 2 (H315), SCI 3 (H316), C2 (H411)	>=10.0 <=30.0
	1222-05-5 or 80450-66-4	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylcyclopenta(g)-2-benzopyran	C2 (H411)	>=10.0 <=30.0
203-347-8	105-95-3	1,4-dioxacycloheptadecane-5,17-dione	SCI 2 (H315)	>0.0 <10.0
204-116-4	115-95-7	3,7-dimethylocta-1,6-dien-3-yl acetate	SCI 2 (H315), EDI 2A (H319), STO-SE 3 (H335)	>0.0 <10.0
201-134-4	78-70-6	3,7-dimethylocta-1,6-dien-3-ol	SCI 2 (H315), EDI 2 (H319)	>0.0 <10.0
233-732-6	10339-55-6	(6E)-3,7-dimethylnona-1,6-dien-3-ol	SCI 2 (H315), EDI 2 (H319)	>0.0 <10.0
202-983-3	101-86-0	2-(phenylmethyldene)octanal	SS 1B (H317)	>0.0 <10.0
238-969-9	14901-07-6 or 79-77-6	4-(2,6,6-trimethylcyclohexen-1-yl)but-3-en-2-one	C2 (H411)	>0.0 <10.0
228-408-6	6259-76-3	hexyl 2-hydroxybenzoate	SCI 2 (H315), C2 (H411), EDI 2 (H319)	>0.0 <10.0
203-354-6	106-02-5	16-oxacyclohexadecan-1-one	C2 (H411), SS 1 (H317)	>0.0 <10.0
203-518-7	107-75-5	7-hydroxy-3,7-dimethyloctanal	SCI 2 (H315), EDI 2 (H319)	>0.0 <10.0
201-828-7	88-41-5	(2-tert-butylcyclohexyl) acetate	SCI 2 (H315), STO-SE 3 (H335), EDI 2 (H319)	>0.0 <10.0
203-375-0	106-22-9	3,7-dimethyloct-6-en-1-ol	SCI 2 (H315), EDI 2 (H319)	>0.0 <10.0
205-399-7	140-11-4	benzyl acetate	SCI 2 (H315), STO-SE 3 (H335), EDI 2 (H319)	>0.0 <10.0



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	8008-26-2	citrus aurantifolia swingle oil distilled	FL 3 (H226), AH 1 (H304), SCI 2 (H315), SS 1B (H317), EH A2 (H401), C2 (H411)	>0.0 <10.0
233-221-8	10094-34-5	(1-cyclohexyl-2-methylpropan-2-yl) butanoate	C2 (H411)	>0.0 <10.0
214-881-6	1205-17-0	3-(1,3-benzodioxol-5-yl)-2- methylpropanal	C2 (H411)	>0.0 <10.0
EC No.	CAS No.	Name	GHS Classification	%[weight]
232-433-8	68647-72-3 or 8008-57-9	orange oil terpenes	FL 3 (H226), AH 1 (H304), SCI 2 (H315), C2 (H411), SS 1 (H317)	>0.0 <10.0
204-881-4	128-37-0	2,6-ditert-butyl-4-methylphenol	C2 (H411)	>0.0 <10.0
246-430-4	43052-87-5 or 24920-09-0	1-(2,6,6-trimethyl-1-cyclohex-2-enyl)but- 3-en-1-one	ATO 4 (H302), SS 1B (H317), C2 (H411)	>0.0 <10.0
284-515-8	68917-33-9 or 84929-31-7	lemon oil terpenes	FL 3 (H226), AH 1 (H304), SCI 2 (H315), C2 (H411), SS 1 (H317)	>0.0 <10.0
202-796-7	99-87-6	1-Methyl-4-propan-2-ylbenzene	FL 3 (H226), AH 1 (H304), C2 (H411)	>0.0 <10.0

SECTION 4: First Aid Measures

4.1 Description of First Aid Measures

Ingestion	: Not expected to require first aid. If large amounts are swallowed, get medical advice If swallowed, DO NOT INDUCE VOMITING. Give victim a glass of water or milk.
Eye Contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact	: Take off contaminated clothing and wash before reuse. IF ON SKIN: Wash with plenty of soap and water. 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
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SECTION 5: Fire Fighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media	: Foam Dry agent (powder)
Unsuitable Extinguishing Media	: Coarse water spray(jets) Fine water spray (fog)

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.
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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	: 3Z



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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. Handle the product using protective gloves.
Personal Precautions	: Remove all ignition sources and ventilate area. 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.
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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.
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SECTION 8: Exposure Controls/Personal Protection

8.1 Control Parameters

1-(2,3,8,8-tetramethyl-1,3,4,5,6,7-hexahydronaphthalen-2-yl)ethanone (CAS: 54464-57-2)
1,3,4,6,7,8-hexahydro-4,6,6,7,8-

hexamethylcyclopenta(g)-2-benzopyran (CAS: 1222-05-5 or 80450-66-4)
1,4-dioxacycloheptadecane-5,17-dione (CAS: 105-95-3)
3,7-dimethylocta-1,6-dien-3-yl acetate (CAS: 115-95-7)



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: No Data Available

: No Data Available

: No Data Available

: No Data Available

3,7-dimethylocta-1,6-dien-3-ol (CAS: 78-70-6) : No Data Available

(6E)-3,7-dimethylnona-1,6-dien-3-ol (CAS:
10339-55-6) : No Data Available



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2-(phenylmethylidene)octanal (CAS: 101-86-0) : No Data Available
4-(2,6,6-trimethylcyclohexen-1-yl)but-3-en-2-one (CAS: 14901-07-6 or 79-77-6) : No Data Available
hexyl 2-hydroxybenzoate (CAS: 6259-76-3) : No Data Available
16-oxacyclohexadecan-1-one (CAS: 106-02-5) : No Data Available
7-hydroxy-3,7-dimethyloctanal (CAS: 107-75-5) : No Data Available
(2-tert-butylcyclohexyl) acetate (CAS: 88-41-5) : No Data Available
3,7-dimethyloct-6-en-1-ol (CAS: 106-22-9) : No Data Available
benzyl acetate (CAS: 140-11-4) : No Data Available
citrus aurantifolia swingle oil distilled (CAS: 8008-26-2) : No Data Available
(1-cyclohexyl-2-methylpropan-2-yl) butanoate (CAS: 10094-34-5) : No Data Available
3-(1,3-benzodioxol-5-yl)-2-methylpropanal (CAS: 1205-17-0) : No Data Available
orange oil terpenes (CAS: 68647-72-3 or 8008-57-9) : No Data Available
2,6-ditert-butyl-4-methylphenol (CAS: 128-37-0) : No Data Available
1-(2,6,6-trimethyl-1-cyclohex-2-enyl)but-3-en-1-one (CAS: 43052-87-5 or 24920-09-0) : No Data Available
lemon oil terpenes (CAS: 68917-33-9 or 84929-31-7) : No Data Available
1-Methyl-4-propan-2-ylbenzene (CAS: 99-87-6) : No Data Available



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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 to pale straw
Aroma/Odour	: Floral
Refractive Index	: 1.462 - 1.482
Specific Gravity (20°C/20°C)	: 0.923 - 0.943
Flash Point (Closed Cup Test)	: > 100.0 °C

SECTION 10: Stability and Reactivity

10.1 Reactivity

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

Chemical Stability	: Stable under ordinary conditions of use and storage.
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10.3 Possibility of Hazardous Reactions

Hazardous Reactions	: No dangerous reaction known under conditions of normal use.
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10.4 Conditions to Avoid

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

Incompatibilities	: None known.
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10.6 Hazardous Decomposition Products

Hazardous Decomposition Products	: Stable under ordinary conditions of use and storage.
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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
259-174-3	54464-57-2	1-(2,3,8,8-tetramethyl-1,3,4,5,6,7-hexahydronaphthalen-2-yl)ethanone	Not Determined	Not Determined	Not Determined
	1222-05-5 or 80450-66-4	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylcyclopenta(g)-2-benzopyran	Not Determined	Not Determined	Not Determined
203-347-8	105-95-3	1,4-dioxacycloheptadecane-5,17-dione	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
201-134-4	78-70-6	3,7-dimethylocta-1,6-dien-3-ol	Not Determined	Not Determined	Not Determined
233-732-6	10339-55-6	(6E)-3,7-dimethylnona-1,6-dien-3-ol	Not Determined	Not Determined	Not Determined
202-983-3	101-86-0	2-(phenylmethylidene)octanal	Not Determined	Not Determined	Not Determined
238-969-9	14901-07-6 or 79-77-6	4-(2,6,6-trimethylcyclohexen-1-yl)but-3-en-2-one	Not Determined	Not Determined	Not Determined
228-408-6	6259-76-3	hexyl 2-hydroxybenzoate	Not Determined	Not Determined	Not Determined
203-354-6	106-02-5	16-oxacyclohexadecan-1-one	Not Determined	Not Determined	Not Determined
203-518-7	107-75-5	7-hydroxy-3,7-dimethyloctanal	Not Determined	Not Determined	Not Determined



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EC No.	CAS No.	Name	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation
201-828-7	88-41-5	(2-tert-butylcyclohexyl) acetate	Not Determined	Not Determined	Not Determined
203-375-0	106-22-9	3,7-dimethyloct-6-en-1-ol	Not Determined	Not Determined	Not Determined
205-399-7	140-11-4	benzyl acetate	Not Determined	Not Determined	Not Determined
	8008-26-2	citrus aurantifolia swingle oil distilled	Not Determined	Not Determined	Not Determined
233-221-8	10094-34-5	(1-cyclohexyl-2-methylpropan-2-yl) butanoate	Not Determined	Not Determined	Not Determined
214-881-6	1205-17-0	3-(1,3-benzodioxol-5-yl)-2-methylpropanal	Not Determined	Not Determined	Not Determined
232-433-8	68647-72-3 or 8008-57-9	orange oil terpenes	Not Determined	Not Determined	Not Determined
204-881-4	128-37-0	2,6-ditert-butyl-4-methylphenol	Not Determined	Not Determined	Not Determined
246-430-4	43052-87-5 or 24920-09-0	1-(2,6,6-trimethyl-1-cyclohex-2-enyl)but-3-en-1-one	500	Not Determined	Not Determined
284-515-8	68917-33-9 or 84929-31-7	lemon oil terpenes	Not Determined	Not Determined	Not Determined
202-796-7	99-87-6	1-Methyl-4-propan-2-ylbenzene	Not Determined	Not Determined	Not Determined

SECTION 12: Ecological Information

12.1 Toxicity

Environmental Toxicity

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

12.2 Persistence and Degradability

Degradability

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



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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	3082	3082	3082
14.2 UN Proper Shipping Name	Environmentally hazardous substance, liquid, n.o.s.	Environmentally hazardous substance, liquid, n.o.s.	Environmentally hazardous substance, liquid, n.o.s.
14.3 Transport Hazard Class(es)	9	9	9
14.4 Packing Group	III	III	III
	Tunnel Restriction Code: (E) Digit Of Hazard Label: 9 Classification Code: M6	EmS: F-A, S-F	
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	IBC03	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



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15.1.2 National Regulations

No Further Information.

SECTION 16: Other Information

Revisions

Revision 1.7 (June 2019)

Abbreviations and Acronyms

AH 1 - Aspiration Hazard Category 1
ATO 4 - Acute Toxicity-ORAL Category 4
C2 - Hazardous to the Aquatic Environment Chronic Category 2
EDI 2 - Serious Eye Damage/Irritation Category 2
EDI 2A - Serious Eye Damage/Irritation Category 2A
EH A2 - Hazardous to the Aquatic Environment Acute Category 2
FL 3 - Flammable Liquids Category 3
SCI 2 - Skin Corrosion/Irritation Category 2
SCI 3 - Skin Corrosion/Irritation Category 3
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.
H316 - Causes mild skin irritation
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.
H401 - Toxic to aquatic life.
H411 - Toxic 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.