

SECTION 1. Identification of the Material and Supplier

1.1 Product Identifier

Product Code : QT669818
Name : Singapore Orchid Fragrance
Dose Rate :

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

Customer : Kerry Ingredients Australia Pty Ltd
8 Holker Street
Newington 2127
NSW
Australia
Telephone Number : +61 8 8350 9999
Fax Number : +61 8 8186 6986
E-mail Address : lonsdale.info@kerry.com

1.4 Emergency Telephone Number

In Case of Emergency : +61 8 8350 9999

SECTION 2. Hazards Identification

2.1 Classification of Substance or Mixture

Flammable Liquids (Category 4)
Skin Corrosion/Irritation (Category 2)
Acute Toxicity-ORAL (Category 4)
Hazardous to the Aquatic Environment Acute (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) : H227 Combustible liquid.
H315 Causes skin irritation.
H302 Harmful if swallowed.
H401 Toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
Precautionary Statement(s) : P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P301 + P312 IF SWALLOWED: Call a POISON CENTRE or

doctor/physician if you feel unwell.

P330 Rinse mouth.

P273 Avoid release to the environment.

P391 Collect spillage.

P501 Dispose of contents/container to an approved waste disposal plant.

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.

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]
204-402-9	120-51-4	phenylmethyl benzoate	ATO 4 (H302), EH A2 (H401), C2 (H411)	>=10.0 <=30.0
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
203-347-8	105-95-3	1,4-dioxacycloheptadecane-5,17-dione	SCI 2 (H315)	>=10.0 <=30.0
201-134-4	78-70-6	3,7-dimethylocta-1,6-dien-3-ol	SCI 2 (H315), EDI 2 (H319)	>0.0 <10.0
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
205-399-7	140-11-4	benzyl acetate	SCI 2 (H315), STO-SE 3 (H335), EDI 2 (H319)	>0.0 <10.0
202-983-3	101-86-0	2-(phenylmethylen)octanal	SS 1B (H317)	>0.0 <10.0
405-040-6	63500-71-0	4-methyl-2-(2-methylpropyl)oxan-4-ol	EDI 2A (H319)	>0.0 <10.0
232-433-8	8008-57-9	citrus aurantium dulcis peel oil	FL 3 (H226), SCI 2 (H315)	>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
201-265-7	80-26-2	(4-methyl-1-propan-2-yl-1-cyclohex-2-enyl) acetate	C2 (H411)	>0.0 <10.0
203-225-4	104-67-6	5-heptyloxolan-2-one	SCI 2 (H315), STO-SE 3 (H335), EDI 2 (H319)	>0.0 <10.0
222-294-1	3407-42-9	3-(2,3,3-trimethyl-6-bicyclo[2.2.1]heptanyl)cyclohexan-1-ol	SCI 2 (H315), EDI 2 (H319)	>0.0 <10.0
-	125304-04-3	2-(benzotriazol-2-yl)-6-dodecyl-4-methylphenol	C2 (H411)	>0.0 <10.0
204-881-4	128-37-0	2,6-ditert-butyl-4-methylphenol	C2 (H411)	>0.0 <10.0

EC No.	CAS No.	Name	GHS Classification	%[weight]
203-205-5	104-46-1 or 4180-23-8	1-methoxy-4-prop-1-enylbenzene	C2 (H411), SS 1 (H317)	>0.0 <10.0
203-161-7	103-95-7	3-(4-propan-2-ylphenyl)butanal	SCI 2 (H315), REP 2 (H361), C2 (H411)	>0.0 <10.0
203-374-5	106-21-8	3,7-dimethyloctan-1-ol	SCI 2 (H315), C2 (H411), EDI 2 (H319)	>0.0 <10.0
203-118-2	103-50-4	phenylmethoxymethylbenzene	STO-SE 3 (H335), C2 (H411)	>0.0 <10.0
203-008-4	102-16-9	Benzyl-2-phenylacetate	EH A1 (H400)	>0.0 <10.0
253-617-4	37677-14-8	3&4-(4-Methyl-3-penten-1-yl)-3-cyclohexene-1-carbaldehyde	SCI 3 (H316), EH A2 (H401), 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

SECTION 4: First Aid Measures

4.1 Description of First Aid Measures

Ingestion	: Rinse mouth. IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell.
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

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

phenylmethyl benzoate (CAS: 120-51-4)	: No Data Available
1-(2,3,8,8-tetramethyl-1,3,4,5,6,7-hexahydronaphthalen-2-yl)ethanone (CAS: 54464-57-2)	: No Data Available
1,4-dioxacycloheptadecane-5,17-dione (CAS: 105-95-3)	: No Data Available
3,7-dimethylocta-1,6-dien-3-ol (CAS: 78-70-6)	: No Data Available
3,7-dimethylocta-1,6-dien-3-yl acetate (CAS: 115-95-7)	: No Data Available
benzyl acetate (CAS: 140-11-4)	: No Data Available
2-(phenylmethylidene)octanal (CAS: 101-86-0)	: No Data Available
4-methyl-2-(2-methylpropyl)oxan-4-ol (CAS: 63500-71-0)	: No Data Available

citrus aurantium dulcis peel oil (CAS: 8008-57-9)	: No Data Available
3,7-dimethyloct-6-en-1-ol (CAS: 106-22-9)	: No Data Available
(4-methyl-1-propan-2-yl-1-cyclohex-2-enyl) acetate (CAS: 80-26-2)	: No Data Available
5-heptyloxolan-2-one (CAS: 104-67-6)	: No Data Available
3-(2,3,3-trimethyl-6-bicyclo[2.2.1]heptanyl)cyclohexan-1-ol (CAS: 3407-42-9)	: No Data Available
2-(benzotriazol-2-yl)-6-dodecyl-4-methylphenol (CAS: 125304-04-3)	: No Data Available
2,6-ditert-butyl-4-methylphenol (CAS: 128-37-0)	: No Data Available
1-methoxy-4-prop-1-enylbenzene (CAS: 104-46-1 or 4180-23-8)	: No Data Available
3-(4-propan-2-ylphenyl)butanal (CAS: 103-95-7)	: No Data Available
3,7-dimethyloctan-1-ol (CAS: 106-21-8)	: No Data Available
phenylmethoxymethylbenzene (CAS: 103-50-4)	: No Data Available
Benzyl-2-phenylacetate (CAS: 102-16-9)	: No Data Available
3&4-(4-Methyl-3-penten-1-yl)-3-cyclohexene-1-carbaldehyde (CAS: 37677-14-8)	: No Data Available
3-(1,3-benzodioxol-5-yl)-2-methylpropanal (CAS: 1205-17-0)	: No Data Available
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	: Very pale yellow
Aroma/Odour	: Floral
Refractive Index	: 1.493 - 1.513
Specific Gravity (20°C/20°C)	: 0.983 - 1.003
Flash Point (Closed Cup Test)	: = 90.0 °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.

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
204-402-9	120-51-4	phenylmethyl benzoate	500	Not Determined	Not Determined
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
203-347-8	105-95-3	1,4-dioxacycloheptadecane-5,17-dione	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
204-116-4	115-95-7	3,7-dimethylocta-1,6-dien-3-yl acetate	Not Determined	Not Determined	Not Determined
205-399-7	140-11-4	benzyl acetate	Not Determined	Not Determined	Not Determined
202-983-3	101-86-0	2-(phenylmethylidene)octanal	Not Determined	Not Determined	Not Determined
405-040-6	63500-71-0	4-methyl-2-(2-methylpropyl)oxan-4-ol	Not Determined	Not Determined	Not Determined
232-433-8	8008-57-9	citrus aurantium dulcis peel oil	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
201-265-7	80-26-2	(4-methyl-1-propan-2-yl-1-cyclohex-2-enyl) acetate	Not Determined	Not Determined	Not Determined
203-225-4	104-67-6	5-heptyloxolan-2-one	Not Determined	Not Determined	Not Determined
222-294-1	3407-42-9	3-(2,3,3-trimethyl-6-bicyclo[2.2.1]heptanyl)cyclohexan-1-ol	Not Determined	Not Determined	Not Determined
-	125304-04-3	2-(benzotriazol-2-yl)-6-dodecyl-4-methylphenol	Not Determined	Not Determined	Not Determined
204-881-4	128-37-0	2,6-ditert-butyl-4-methylphenol	Not Determined	Not Determined	Not Determined

EC No.	CAS No.	Name	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation
203-205-5	104-46-1 or 4180-23-8	1-methoxy-4-prop-1-enylbenzene	Not Determined	Not Determined	Not Determined
203-161-7	103-95-7	3-(4-propan-2-ylphenyl)butanal	Not Determined	Not Determined	Not Determined
203-374-5	106-21-8	3,7-dimethyloctan-1-ol	Not Determined	Not Determined	Not Determined
203-118-2	103-50-4	phenylmethoxymethylbenzene	Not Determined	Not Determined	Not Determined
203-008-4	102-16-9	Benzyl-2-phenylacetate	Not Determined	Not Determined	Not Determined
253-617-4	37677-14-8	3&4-(4-Methyl-3-penten-1-yl)-3-cyclohexene-1-carbaldehyde	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

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.

12.3 Bioaccumulative Potential

Bioaccumulative Potential

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

12.4 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.

12.5 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.

12.6 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

15.1.2 National Regulations

No Further Information.

SECTION 16: Other Information

Revisions

Revision 1.8 (November 2019)

Abbreviations and Acronyms

- 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 A1 - Hazardous to the Aquatic Environment Acute Category 1
- EH A2 - Hazardous to the Aquatic Environment Acute Category 2
- FL 3 - Flammable Liquids Category 3
- REP 2 - Reproductive Toxicity Category 2
- 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.
- 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.
- H361 - Suspected of damaging fertility or the unborn child.

- H400 - Very toxic to aquatic life.
- 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.

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