

Safety Data Sheet

according to WHS Regulations

Printing date 21.06.2018

Version number 1

Revision: 21.06.2018

1 Identification

- **Product identifier**
- **Trade name:** Frangipani LSF 0003
- **Article number:** LSF 0003
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Luxaroma Pty Ltd
62 Blackshaw Ave
MORTDALE, NSW 2223
AUSTRALIA
sales@luxaroma.com.au
- **Further information obtainable from:** Product safety department
- **Emergency telephone number:** During normal opening times: Poisons Information - 131 126

2 Hazard(s) Identification

- **Classification of the substance or mixture**



health hazard

Repr. 1A H360 May damage fertility or the unborn child.



Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

- **Label elements**
- **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**



GHS07 GHS08

- **Signal word** *Danger*
- **Hazard-determining components of labelling:**
Benzyl benzoate
α-hexylcinnamaldehyde
2-(4-*tert*-Butylbenzyl)propionaldehyde
benzyl salicylate
Amyl cinnamal
hexyl salicylate
Citronellol
4-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde
Eugenol
α-Methyl-1,3-benzodioxole-5-propanal

(Contd. on page 2)

AU

Safety Data Sheet

according to WHS Regulations

Printing date 21.06.2018

Version number 1

Revision: 21.06.2018

Trade name: Frangipani LSF 0003

(Contd. of page 1)

- **Hazard statements**

- Causes skin irritation.

- May cause an allergic skin reaction.

- May damage fertility or the unborn child.

- **Precautionary statements**

- If medical advice is needed, have product container or label at hand.

- Keep out of reach of children.

- Read label before use.

- Avoid breathing dust/fume/gas/mist/vapours/spray.

- Wear protective gloves.

- Use personal protective equipment as required.

- Specific treatment (see on this label).

- Store locked up.

- Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

3 Composition and Information on Ingredients

- **Chemical characterisation: Mixtures**

- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

120-51-4	Benzyl benzoate ⚠ Acute Tox. 4, H302	≥25–<40%
101-86-0	α-hexylcinnamaldehyde ⚠ Skin Sens. 1, H317	≥2.5–<5.5%
118-58-1	benzyl salicylate ⚠ Skin Sens. 1, H317	≥2.5–<4%
78-69-3	tetrahydrolinalool ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Flam. Liq. 4, H227	≥0.1–<3.25%
122-40-7	Amyl cinnamal ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	≥1–<2.3%
6259-76-3	hexyl salicylate ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	≥1–<2.1%
80-54-6	2-(4-tert-Butylbenzyl)propionaldehyde ⚠ Acute Tox. 3, H301; ⚠ Repr. 1A, H360; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317; Flam. Liq. 4, H227	≥1–<2.1%
28219-61-6	2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol ⚠ Eye Irrit. 2A, H319	≥0.25–<1.9%
88-41-5	2-tert-butylcyclohexyl acetate Flam. Liq. 4, H227	≥0.25–<1.6%
10339-55-6	3,7-dimethylnona-1,6-dien-3-ol ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Flam. Liq. 4, H227	≥0.1–<1.6%
106-22-9	Citronellol ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317	≥1–<1.5%

(Contd. on page 3)

Safety Data Sheet according to WHS Regulations

Printing date 21.06.2018

Version number 1

Revision: 21.06.2018

Trade name: **Frangipani LSF 0003**

		(Contd. of page 2)
18479-58-8	Seveniff ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Flam. Liq. 4, H227	≥0.1–<1.1%
60-12-8	beta-P.E.A. ⚠ Acute Tox. 3, H311; ⚠ Repr. 2, H361; STOT SE 2, H371; ⚠ Acute Tox. 4, H302; Eye Irrit. 2A, H319	≥0.1–<0.5%
31906-04-4	4-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde ⚠ Skin Sens. 1, H317	≥0.1–<0.4%
97-53-0	Eugenol ⚠ Acute Tox. 4, H302; Eye Irrit. 2A, H319; Skin Sens. 1, H317	≥0.1–<0.3%
1205-17-0	alpha-Methyl-1,3-benzodioxole-5-propanal ⚠ Skin Sens. 1, H317	≥0.1–<0.2%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

4 First Aid Measures

- **Description of first aid measures**
- **After inhalation:**
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire Fighting Measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

AU

(Contd. on page 4)

Safety Data Sheet

according to WHS Regulations

Printing date 21.06.2018

Version number 1

Revision: 21.06.2018

Trade name: *Frangipani LSF 0003*

(Contd. of page 3)

7 Handling and Storage

- **Handling:**
- **Precautions for safe handling** *No special precautions are necessary if used correctly.*
- **Information about fire - and explosion protection:** *No special measures required.*
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** *No special requirements.*
- **Information about storage in one common storage facility:** *Not required.*
- **Further information about storage conditions:** *None.*
- **Specific end use(s)** *No further relevant information available.*

8 Exposure controls and personal protection

- **Additional information about design of technical facilities:** *No further data; see item 7.*
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** *The lists valid during the making were used as basis.*
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the skin.
Avoid contact with the eyes and skin.
- **Respiratory protection:** *Not required.*
- **Protection of hands:**



Protective gloves

- The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.*
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
 - **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
 - **Eye protection:** *Goggles recommended during refilling*

AU

(Contd. on page 5)

Safety Data Sheet

according to WHS Regulations

Printing date 21.06.2018

Version number 1

Revision: 21.06.2018

Trade name: *Frangipani LSF 0003*

(Contd. of page 4)

9 Physical and Chemical Properties

· Information on basic physical and chemical properties	
· General Information	
· Appearance:	
Form:	Liquid
Colour:	Light yellow
· Odour:	Characteristic
· Odour threshold:	Not determined.
· pH-value:	Not determined.
· Change in condition	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Undetermined.
· Flash point:	144 °C
· Flammability (solid, gas):	Not applicable.
· Decomposition temperature:	Not determined.
· Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapour pressure:	Not determined.
· Density:	Not determined.
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	0.1 %
VOC (EC)	0.07 %
· Other information	No further relevant information available.

10 Stability and Reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.

(Contd. on page 6)

AU

Safety Data Sheet

according to WHS Regulations

Printing date 21.06.2018

Version number 1

Revision: 21.06.2018

Trade name: *Frangipani LSF 0003*

(Contd. of page 5)

· **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

· **Information on toxicological effects**· **Acute toxicity**· **LD/LC50 values relevant for classification:****ATE (Acute Toxicity Estimates)**

Oral LD50 2,309 mg/kg

Dermal LD50 9,960 mg/kg (rabbit)

120-51-4 Benzyl benzoate

Oral LD50 1,700 mg/kg (rat)

Dermal LD50 4,000 mg/kg (rabbit)

106-22-9 Citronellol

Oral LD50 3,450 mg/kg (rat)

Dermal LD50 2,650 mg/kg (rabbit)

60-12-8 beta-P.E.A.

Oral LD50 1,790 mg/kg (rat)

Dermal LD50 790 mg/kg (rabbit)

97-53-0 Eugenol

Oral LD50 1,930 mg/kg (rat)

· **Primary irritant effect:**· **Skin corrosion/irritation** Irritant to skin and mucous membranes.· **Serious eye damage/irritation** No irritating effect.· **Respiratory or skin sensitisation** Sensitisation possible through skin contact.· **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

THIS PRODUCT HAS NOT BEEN TESTED ON ANIMALS

· **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

Repr. 1A

12 Ecological Information

· **Toxicity**· **Aquatic toxicity:** No further relevant information available.· **Persistence and degradability** No further relevant information available.· **Behaviour in environmental systems:**· **Bioaccumulative potential** No further relevant information available.· **Mobility in soil** No further relevant information available.· **Additional ecological information:**· **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

· **Results of PBT and vPvB assessment**· **PBT:** Not applicable.

(Contd. on page 7)

Safety Data Sheet

according to WHS Regulations

Printing date 21.06.2018

Version number 1

Revision: 21.06.2018

Trade name: *Frangipani LSF 0003*

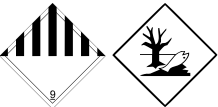
(Contd. of page 6)

- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· UN-Number	UN3082
· ADG, IMDG, IATA	
· UN proper shipping name	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran)
· ADG	
· IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran), MARINE POLLUTANT
· IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran)
· Transport hazard class(es)	
· ADG, IMDG, IATA	
	
· Class	9 Miscellaneous dangerous substances and articles.
· Label	9
· Packing group	III
· ADG, IMDG, IATA	
· Environmental hazards:	Product contains environmentally hazardous substances: 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran, α -hexylcinnamaldehyde
· Marine pollutant:	Symbol (fish and tree)
· Special marking (ADG):	Symbol (fish and tree)
· Special marking (IATA):	Symbol (fish and tree)
· Special precautions for user	Warning: Miscellaneous dangerous substances and articles.
· Danger code (Kemler):	90
· EMS Number:	F-A,S-F
· Stowage Category	A

(Contd. on page 8)

Safety Data Sheet

according to WHS Regulations

Printing date 21.06.2018

Version number 1

Revision: 21.06.2018

Trade name: *Frangipani LSF 0003*

(Contd. of page 7)

· Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· Transport category	3
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BENZYL BENZOATE, 1, 3, 4, 6, 7, 8 - HEXAHYDRO - 4, 6, 6, 7, 8, 8 - HEXAMETHYLINDENO[5,6-C]PYRAN), 9, III

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Australian Inventory of Chemical Substances (Substances not listed)**

101-86-0	α -hexylcinnamaldehyde
----------	-------------------------------

· **Standard for the Uniform Scheduling of Medicines and Poisons**

97-53-0	Eugenol	S5, S6
---------	---------	--------

· **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).

· **Hazard pictograms**



GHS07 GHS08

· **Signal word** *Danger*

· **Hazard-determining components of labelling:**

Benzyl benzoate
 α -hexylcinnamaldehyde
 2-(4-tert-Butylbenzyl)propionaldehyde
 benzyl salicylate
 Amyl cinnamal
 hexyl salicylate
 Citronellol
 4-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde
 Eugenol
 alpha-Methyl-1,3-benzodioxole-5-propanal

· **Hazard statements**

Causes skin irritation.

(Contd. on page 9)

Safety Data Sheet

according to WHS Regulations

Printing date 21.06.2018

Version number 1

Revision: 21.06.2018

Trade name: Frangipani LSF 0003

(Contd. of page 8)

May cause an allergic skin reaction.

May damage fertility or the unborn child.

· Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wear protective gloves.

Use personal protective equipment as required.

Specific treatment (see on this label).

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· Seveso category E1 Hazardous to the Aquatic Environment

· Qualifying quantity (tonnes) for the application of lower-tier requirements 100 t

· Qualifying quantity (tonnes) for the application of upper-tier requirements 200 t

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

H227 Combustible liquid.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H360 May damage fertility or the unborn child.

H361 Suspected of damaging fertility or the unborn child.

H371 May cause damage to organs.

· Department issuing SDS: Product safety department

· Contact: Mr. Demello

· Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 4: Flammable liquids – Category 4

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

Skin Sens. 1: Skin sensitisation – Category 1

Repr. 1A: Reproductive toxicity – Category 1A

(Contd. on page 10)

Safety Data Sheet
according to WHS Regulations

Printing date 21.06.2018

Version number 1

Revision: 21.06.2018

Trade name: Frangipani LSF 0003

Repr. 2: Reproductive toxicity – Category 2
STOT SE 2: Specific target organ toxicity (single exposure) – Category 2

(Contd. of page 9)

AU