

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Mandarin & Bergamot Lamp Fragrance PFL1107/1207

**Version:** 5

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

#### 1.1 Product Identifier

**Product identifier:** Mandarin & Bergamot Lamp Fragrance PFL1107/1207(Contains:Isopropyl alcohol)

**Other identifiers:** None

#### 1.2 Relevant identified uses of the substance of mixture and uses advised against

**Product uses:** Lamp Fragrance

#### 1.3 Details of the supplier of the safety data sheet

**Company name:** Ashleigh & Burwood Ltd

**Company address:**

**Contact:**

**E-Mail address:**

**Company phone:**

#### 1.4 Emergency telephone number

**Emergency phone:**

### Section 2. Hazards identification

#### 2.1 Classification of the substance or mixture

##### **Classification under Regulation (EC) No 1272/2008**

**Class and category of danger:** Flammable Liquid, Hazard Category 2  
Eye Damage / Irritation Category 2  
Specific Target Organ Toxicity (Single Exposure) Category 3  
H225, Highly flammable liquid and vapour.  
H319, Causes serious eye irritation.  
H336, May cause drowsiness or dizziness.

#### 2.2 Label elements

**Signal word:** Danger

**Hazard statements:** H225, Highly flammable liquid and vapour.  
H319, Causes serious eye irritation.  
H336, May cause drowsiness or dizziness.

**Supplemental Information:** EUH208, Contains Acetyl cedrene. May produce an allergic reaction.

**Precautionary statements:** P102, Keep out of reach of children.  
P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

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P240, Ground/bond container and receiving equipment.  
 P241, Use explosion-proof electrical, ventilating and lighting equipment.  
 P242, Use only non-sparking tools.  
 P243, Take precautionary measures against static discharge.  
 P261, Avoid breathing vapour or dust.  
 P264, Wash hands and other contacted skin thoroughly after handling.  
 P271, Use only outdoors or in a well-ventilated area.  
 P280, Wear protective gloves/eye protection/face protection.  
 P303/361/353, IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304/340, IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 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.  
 P337/313, If eye irritation persists: Get medical advice/attention.  
 P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.  
 P403/233/235, Store in a well-ventilated place. Keep container tightly closed. Keep cool.  
 P405, Store locked up.  
 P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Pictograms:**



**Other hazards:** None

### Section 3. Composition / information on ingredients

#### 3.2 Mixtures

**Contains:**

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
Isopropyl alcohol	67-63-0	200-661-7		50-100%	FL 2-EDI 2-STO-SE 3 (NE);H225-H319-H336,-
Acetyl cedrene	32388-55-9	251-020-3		0.1-<1%	SS 1B-EH A1-EH C1; H317-H410,-
d-Limonene	5989-27-5	227-813-5		<0.1%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-

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alpha-Pinene	80-56-8	201-291-9		<0.1%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
Myrcene	123-35-3	204-622-5		<0.1%	FL 3-SCI 2-EDI 2-AH 1; H226-H304-H315-H319,-
beta-Pinene	127-91-3	204-872-5		<0.1%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
Naturally occurring terpenes and sesqui terpenes				<0.1%	AH 1;H304,-
p-Cymene	99-87-6	202-796-7		<0.1%	FL 3-AH 1-EH C2; H226-H304-H411,-
p-Mentha-1,4-diene	99-85-4	202-794-6		<0.1%	FL 3-AH 1;H226-H304,-
Terpinolene	586-62-9	209-578-0		<0.1%	SS 1B-AH 1-EH A1-EH C1;H304-H317-H410,-
alpha-Cedrene	469-61-4	207-418-4		<0.1%	AH 1-EH A1-EH C1; H304-H410,-
3,7-Dimethyl-1,3,6-octatriene	13877-91-3	237-641-2		<0.1%	FL 3-AH 1;H226-H304,-
Longifolene	475-20-7	207-491-2		<0.1%	SS 1B-AH 1-EH A1-EH C1;H304-H317-H410,-
beta-Caryophyllene	87-44-5	201-746-1		<0.1%	SS 1B-AH 1;H304-H317,-
delta-3-Carene	13466-78-9	236-719-3		<0.1%	FL 3-SCI 2-SS 1B-AH 1;H226-H304-H315-H317,-
dl-Limonene (racemic)	138-86-3	205-341-0		<0.1%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
l-Limonene	5989-54-8	227-815-6		<0.1%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-

### Substances with Community workplace exposure limits:

Name	CAS	EC	%
Butylated hydroxytoluene	128-37-0	204-881-4	<0.1%
Diethyl phthalate	84-66-2	201-550-6	<0.1%
Dipropylene glycol monomethyl ether	34590-94-8	252-104-2	0.1-<1%
Ethyl acetate	141-78-6	205-500-4	<0.1%
Isopropyl alcohol	67-63-0	200-661-7	50-100%

### Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:

Not Applicable

## Section 4. First-aid measures

### 4.1 Description of first aid measures

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

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Continue rinsing.

Call a POISON CENTRE or doctor/physician if you feel unwell.

### 4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye irritation.

May cause drowsiness or dizziness.

### 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 substance 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 Methods 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 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

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### 7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

### 7.3 Specific end use(s):

Lamp Fragrance: Use in accordance with good manufacturing and industrial hygiene practices.

## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

Workplace exposure limits:

Ingredient	CAS	EC	Description	Value
Butylated hydroxytoluene	128-37-0	204-881-4	UK WEL Long term mgm3	10 mg/m <sup>3</sup>
Diethyl phthalate	84-66-2	201-550-6	UK WEL Long term mgm3	5 mg/m <sup>3</sup>
			UK WEL Short term mgm3	10 mg/m <sup>3</sup>
Dipropylene glycol monomethyl ether	34590-94-8	252-104-2	UK WEL Long term ppm	50 ppm
			UK WEL Long term mgm3	308 mg/m <sup>3</sup>
Ethyl acetate	141-78-6	205-500-4	UK WEL Long term ppm	200 ppm
			UK WEL Short term ppm	400 ppm
Isopropyl alcohol	67-63-0	200-661-7	Long-term exposure limit (8-hour TWA) (ppm)	400
			Long-term exposure limit (8-hour TWA) (mg/m3)	999
			Short-term exposure limit (15-minute) (ppm)	500
			Short-term exposure limit (15-minute) (mg/m3)	1250

### 8.2 Exposure Controls

#### Eye / Skin Protection

Wear protective gloves/eye protection/face protection

#### Respiratory Protection

Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the

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following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) 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

<b>Appearance:</b>	Clear liquid.
<b>Odour:</b>	Alcoholic.
<b>Odour threshold:</b>	Not determined
<b>pH:</b>	Not determined
<b>Melting point / freezing point:</b>	Not determined
<b>Initial boiling point / range:</b>	Not determined
<b>Flash point:</b>	≥ 12 °C
<b>Evaporation rate:</b>	Not determined
<b>Flammability (solid, gas):</b>	Not determined
<b>Upper/lower flammability or explosive limits:</b>	Product does not present an explosion hazard
<b>Vapour pressure:</b>	Not determined
<b>Vapour density:</b>	Not determined
<b>Relative density:</b>	Not determined
<b>Solubility(ies):</b>	Not determined
<b>Partition coefficient: n-octanol/water:</b>	Not determined
<b>Auto-ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not determined
<b>Viscosity:</b>	Not determined
<b>Explosive properties:</b>	Not expected
<b>Oxidising properties:</b>	Not expected

**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.

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### 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 Regulation (EC) No 1272/2008 (CLP).

<b>Acute Toxicity:</b>	Based on available data the classification criteria are not met.
Acute Toxicity Oral	Not Applicable
Acute Toxicity Dermal	Not Applicable
Acute Toxicity Inhalation	Not Available
<b>Skin corrosion/irritation:</b>	Based on available data the classification criteria are not met.
<b>Serious eye damage/irritation:</b>	Eye Damage / Irritation Category 2
<b>Respiratory or skin sensitisation:</b>	Based on available data the classification criteria are not met.
<b>Germ cell mutagenicity:</b>	Based on available data the classification criteria are not met.
<b>Carcinogenicity:</b>	Based on available data the classification criteria are not met.
<b>Reproductive toxicity:</b>	Based on available data the classification criteria are not met.
<b>STOT-single exposure:</b>	Specific Target Organ Toxicity (Single Exposure) Category 3
<b>STOT-repeated exposure:</b>	Based on available data the classification criteria are not met.
<b>Aspiration hazard:</b>	Based on available data the classification criteria are not met.

### Information about hazardous ingredients in the mixture

Not Applicable

Refer to Sections 2 and 3 for additional information.

## Section 12. Ecological information

<b>12.1 Toxicity:</b>	Not available
<b>12.2 Persistence and degradability:</b>	Not available
<b>12.3 Bioaccumulative potential:</b>	Not available
<b>12.4 Mobility in soil:</b>	Not available

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### 12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**12.6 Other adverse effects:** Not available

### Section 13. Disposal considerations

#### 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:** UN1266

**14.2 UN Proper Shipping Name:** PERFUMERY PRODUCTS

**14.3 Transport hazard class(es):** 3

**Sub Risk:** -

**14.4. Packing Group:** II

**14.5 Environmental hazards:** Not environmentally hazardous for transport

**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

Water Hazard Class (WGK): 1

#### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

### Section 16. Other information

**Concentration % Limits:** EDI 2=11.28% STO-SE 3(NE)=22.56%

**Total Fractional Values:** EDI 2=8.87 STO-SE 3(NE)=4.43

#### Key to revisions:

Information about hazardous ingredients in the mixture

SECTION 3: Composition/information on ingredients

Workplace exposure limits

#### Key to abbreviations:

Abbreviation	Meaning
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AH 1	Aspiration Hazard Category 1
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
FL 2	Flammable Liquid, Hazard Category 2
FL 3	Flammable Liquid, Hazard Category 3
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
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.
H336	May cause drowsiness or dizziness.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
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.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
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.
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.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
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.
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.

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P403/233/235	Store in a well-ventilated place. Keep container tightly closed. Keep cool.
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.
SCI 2	Skin Corrosion / Irritation Category 2
SS 1B	Sensitization - Skin Category 1B
STO-SE 3(NE)	Specific Target Organ Toxicity (Single Exposure) Category 3

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.