

1. IDENTIFICATION

Product Name: Lavender Fragrance

Other Names:

Product Use Description: Fragrances

Contact Information:	Organisation	Location	Telephone	Ask For
	Adelaide Moulding and Candle Supplies	7 Woodlands Terrace Edwardstown South Australia 5039	08 8294 0451	SDS Officer
	Poisons Information Centre		13 11 26	

2. HAZARD IDENTIFICATION

Classification of Substance: Flammable Liquid, Hazard Category 4
of Mixture Skin Corrosion / Irritation Category 2
 Eye Damage / Irritation Category 2
 Sensitization - Skin Category 1
 Carcinogenicity Category 2
 Hazardous to the Aquatic Environment - Acute Hazard Category 2
 Hazardous to the Aquatic Environment - Long-term Hazard Category 2
 H227, Combustible liquid.
 H315, Causes skin irritation.
 H317, May cause an allergic skin reaction.
 H319, Causes serious eye irritation.
 H351, Suspected of causing cancer (exposure route).
 H411, Toxic to aquatic life with long lasting effects.

Hazard Pictogram(s):



Signal Word: WARNING

Hazard Statements (s): H227, Combustible liquid.
 H315, Causes skin irritation.
 H317, May cause an allergic skin reaction.
 H319, Causes serious eye irritation.
 H351, Suspected of causing cancer (exposure route).
 H411, Toxic to aquatic life with long lasting effects.

Precautionary Statements(s): P202, Do not handle until all safety precautions have been read and understood.
 P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
 P261, Avoid breathing vapour or dust.
 P264, Wash hands and other contacted skin thoroughly after handling.
 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.
 P302/352, IF ON SKIN: Wash with plenty of soap and water.

P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308/313, IF exposed or concerned: 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.
P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391, Collect spillage.
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.

Other Hazards: Hydrocarbon Concentration %: 0.0000%

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Name	CAS No	%	GHS Classification
Linalyl acetate	115-95-7	10-<20%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A-Aquatic Acute 3; H227-H315-H319-H402
Isobornyl acetate	125-12-2	5-<10%	Flam. Liq. 4-Skin Irrit. 3-Aquatic Acute 2;H227-H316-H401
Terpinyl acetate (Isomer mixture)	8007-35-0	5-<10%	Skin Irrit. 3-Aquatic Acute 2;H316-H401
1,3,4,6,7,8-Hexahydro4,6,6,7,8,8-hexamethylcyclopenta-gamma2-benzopyran	1222-05-5	5-<10%	Skin Irrit. 3-Aquatic Acute 1-Aquatic Chronic 1;H316-H410
2-Hexyl-(E)-cinnamaldehyde	165184-98-5, 101-86-0	1-<5%	Acute Tox. 5-Skin Irrit. 3-Skin Sens. 1B-Aquatic Acute 1-Aquatic Chronic 2;H303-H316-H317-H400-H411
Nopyl acetate	128-51-8	1-<5%	Acute Tox. 5-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 2;H303-H317-H319-H411
Terpineol	8000-41-7	1-<5%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2AAquatic Acute 3;H227-H303-H315-H319-H402
Isononyl acetate (isomer unspecified)	40379-24-6	1-<5%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Aquatic Acute 2-Aquatic Chronic 2;H227-H303-H315-H411
Tetrahydrolinalool	78-69-3	1-<5%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A-Aquatic Acute 2; H227-H315-H319-H401
Musk ketone	81-14-1	1-<5%	Skin Irrit. 3-Carc. 2-Aquatic Acute 1-Aquatic Chronic 1; H316-H351-H410
Dimyrcetol	18479-58-8	1-<5%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2AAquatic Acute 3;H227-H303-H315-H319-H402
Eucalypto	470-82-6	1-<5%	Flam. Liq. 3-Acute Tox. 5-Skin Irrit. 3-Skin Sens. 1B; H226-H303-H316-H317
d-Camphor	464-49-3	1-<5%	Flam. Sol. 2-Acute Tox. 4-Acute Tox. 4-STOT SE 2-Aquatic Acute 3;H228-H302-H332-H371-H402
Coumarin	91-64-5	1-<5%	Acute Tox. 4-Skin Sens. 1B-Aquatic Acute 3;H302-H317-H402
1-(5,6,7,8-Tetrahydro3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixolid)	1506-02-1	0.1-<1%	Acute Tox. 4-Aquatic Acute 1-Aquatic Chronic 1;H302-H410
Butylated hydroxytoluene	128-37-0	0.1-<1%	Aquatic Acute 1-Aquatic Chronic 1;H410
beta-Caryophyllene	87-44-5	0.1-<1%	Skin Irrit. 3-Skin Sens. 1B-Asp. Tox 1;H304-H316-H317

4-Carvomenthenol	562-74-3	0.1-<1%	Flam. Liq. 4-Acute Tox. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Aquatic Acute 3;H227-H302-H313-H315-H319-H402
6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone	33704-61-9	0.1-<1%	Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1BAquatic Acute 2-Aquatic Chronic 2;H303-H315-H317-H319-H411
alpha-Terpineol	98-55-5	0.1-<1%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2AAquatic Acute 2;H227-H303-H315-H319-H401
Limonene	5989-27-5	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H226-H304-H315-H317-H410
alpha Pinene	80-56-8	0.1-<1%	Flam. Liq. 3-Acute Tox. 5-Skin Irrit. 2-Skin Sens. 1BAsp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H226-H303-H304-H315-H317-H410
beta-Pinene	127-91-3	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H226-H304-H315-H317-H410
Neryl acetate	141-12-8	0.1-<1%	Skin Irrit. 2-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 3;H315-H317-H401-H412

4. FIRST AID MEASURES

Inhalation:	Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
Eye exposure:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin exposure:	IF ON SKIN: Wash with plenty of soap and water.
Ingestion:	Rinse mouth with water and obtain medical attention.
Most important symptoms and effects both acute and delayed:	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Suspected of causing cancer (exposure route).
Indication of any immediate Medical attention and special treatment needed:	None expected, see Section 4.1 for further information.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Carbon dioxide, Dry chemical, Foam.
Special hazards arising from the substance or mixture:	In case of fire, the following can be released: Carbon monoxide, Unidentified organic compounds.
Advice for Fire Fighters:	In case of insufficient ventilation, wear suitable respiratory equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, protective Equipment and emergency procedures:	Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.
Environmental Precautions:	Keep away from drains, surface and grounder water, and soil.
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.
Reference to other sections:	Also refer to sections 8 and 13.

7. HANDLING AND STORAGE

Precautions for safe handling:	Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.
Conditions for safe storage, including incompatibilities:	Store in a well-ventilated place. Keep container tightly closed. To prevent congealing and denaturing it is recommended that goods are stores at temperatures between 15-30 °Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautions measure against discharge.
Specific end use(s):	Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Workplace exposure limits: Not Applicable

Exposure Controls

Eye / Skin Protection Wear protective gloves/eye protection/face protection.

Respiratory Protection: Under normal conditions of use and where adequate ventilation is available to prevent build-up of excessive vapour, this material should not require special engineering control. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: 2) Increase ventilation of the area whit local exhaust ventilation. B) Personnel can use and approved, appropriately fitted respiratory with organic vapours cartridge or canister and particulate filters. C) Use closed system from transferring and processing this material.
Also refer to Sections 2 and 7.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colourless - Faint Yellow
Odour:	Citrus, Herbal, Lavender
Odour threshold:	Not determined
pH:	Not determined
Melting point/freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	85 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	0.9091 - 0.9231
Product:	Lavender Fragrance FIA202519
Version:	5
Solubility (ies):	Not determined
Partition coefficient n-octano/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected
Other information:	None available

10. STABILITY AND REACTIVITY

Reactivity:	Presents no significant reactivity hazard, by itself or in contact with water.
Chemical Stability:	Good stability under normal storage conditions.
Possibility of hazardous reactions:	Not expected under normal conditions of use.
Conditions to Avoid:	Avoid extreme heat.
Incompatible materials:	Avoid contact with strong acids, alkalis or oxidising agents.
Hazardous Decomposition Products:	Not expected.

11. TOXICOLOGICAL INFORMATION

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in the UN GHS.

Acute Toxicity:	Based on available data the classification criteria are not met
Acute Toxicity Oral:	>5000
Acute Toxicity Dermal:	Not Applicable
Acute Toxicity Inhalation:	Not available
Skin corrosion/irritation :	Skin Corrosion/Irritation Category 2
Serious eye damage/irritation:	Eye Damage / Irritation Category 2
Respiratory or skin sensitisation:	Sensitization – Skin Category 1
Germ cell mutagenicity:	Based on available data the classification criteria are note met.
Carcinogenicity:	Carcinogenicity Category 2
Reproductive toxicity:	Based on available data the classification criteria are note met.
STOT – single exposure:	Based on available data the classification criteria are note met.
STOT- repeated exposure:	Based on available data the classification criteria are note met.
Aspiration hazard:	Based on available data the classification criteria are not met

Information about hazardous Ingredients in the Mixture:

Ingredient	CAS	LD50/ATE Oral (mg/kg)	LD50/ATE Dermal (mg/kg)	LC50/ATE Inhalation	LC50 Route
2-Hexyl-(E)- cinnamaldehyde	165184-98-5, 101-86-0	3100	Not available	Not available	Not available
Coumarin	91-64-5	500	Not available	Not available	Not available
Dimyrcetol	18479-58-8	3600	Not available	Not available	Not available
Eucalyptol	470-82-6	2480	Not available	Not available	Not available
Isononyl acetate (isomer unspecified)	40379-24-6	4250	Not available	Not available	Not available
Nopyl acetate	128-51-8	2940	Not available	Not available	Not available
Terpineol	8000-41-7	4300	Not available	Not available	Not available
d-Camphor	464-49-3	1500	Not available	1.5	Dust/mist

Refer to Sections 2 and 3 for additional information.

12. ECOLOGICAL INFORMATION

Toxicity:	Toxic to aquatic life with long lasting effects.
Persistence and degradability:	Not Available
Bioaccumulative potential:	Not Available

Mobility in soil: Not Available
Other Adverse Effects: Not Available

13. DISPOSAL CONSIDERATIONS

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.

14. TRANSPORT INFORMATION

UN Number: UN3082

UN Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2- benzopyran, Musk ketone)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran, Musk ketone) MARINE POLLUTANT

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran, Musk ketone)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran, Musk ketone)

Transport Hazard Class(es): 9

Sub Risk: -

Packing Group: III

Environmental Hazards: This is classified as an environmentally hazardous substance under the UN Model Regulations. This is classified as a Marine Pollutant under the IMDG Code.

Special Precautions for user: None additional

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not Applicable

15. REGULATORY INFORMATION

None additional

16. OTHER INFORMATION

Concentration % Limits: SCI 2=37.29% SCI 3=3.25% EDI 2A=34.70% SS 1=22.22% CAR 2=50.00% EH A2=15.99% EH A3=1.57% EH C2=24.78% EH C3=2.48%

Total Fractional Values: SCI 2=2.68 SCI 3=30.81 EDI 2A=2.88 SS 1=4.50 CAR 2=2.00 EH A2=6.26EH A3=63.54 EH C2=4.04 EH C3=40.36

Key to revisions: Concentration % Limits
SECTION 3: Composition/information on ingredients
Total Fractional Values

Key to abbreviations:

Abbreviation	Meaning
Acute Tox. 4	Acute Toxicity - Oral Category 4
Acute Tox. 4	Acute Toxicity - Inhalation Category 4
Acute Tox. 5	Acute Toxicity - Oral Category 5

Acute Tox. 5	Acute Toxicity - Dermal Category 5
Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the Aquatic Environment - Acute Hazard Category 2
Aquatic Acute 3	Hazardous to the Aquatic Environment - Acute Hazard Category 3
Aquatic Chronic 1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Aquatic Chronic 3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
Asp. Tox 1	Aspiration Hazard Category 1
Carc. 2	Carcinogenicity Category 2
Eye Irrit. 2A	Eye Damage / Irritation Category 2A
Flam. Liq. 3	Flammable Liquid, Hazard Category 3
Flam. Liq. 4	Flammable Liquid, Hazard Category 4
Flam. Sol. 2	Flammable Solid, Hazard Category 2
H226	Flammable liquid and vapour.
H227	Combustible liquid.
H228	Flammable solid.
H302	Harmful if swallowed.
H303	May be harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H313	May be harmful in contact with skin.
H315	Causes skin irritation.
H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H351	Suspected of causing cancer (exposure route).
H371	May cause damage to organs (organs, exposure route).
H400	Very toxic to aquatic life.
H401	Toxic to aquatic life.
H402	Harmful 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.
P202	Do not handle until all safety precautions have been read and understood.
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.
P260	Do not breathe vapour or dust.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink, or smoke when using this product.
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.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
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.
P308/313	IF exposed or concerned: Get medical advice/attention.
P309/311	IF exposed or if you feel unwell: Call a POISON CENTRE or doctor/physician.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.

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.
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.
STOT SE 2	Specific Target Organ Toxicity (Single Exposure) Category 2
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Irrit. 3	Skin Corrosion / Irritation Category 3
Skin Sens. 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate, but all data, instructions, and recommendations and/or suggestions are made without guarantee.

The Material 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.