

1. IDENTIFICATION

Product Name: Snowflakes & Cashmere Fragrance

Other Names:

Product Use Description: Fragrance for Consumer Product.

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
Acute Toxicity - Oral Category 5
Skin Corrosion / Irritation Category 3
Sensitization - Skin Category 1
Hazardous to the Aquatic Environment - Acute Hazard Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 1
H227, Combustible liquid.
H303, May be harmful if swallowed.
H316, Causes mild skin irritation.
H317, May cause an allergic skin reaction.
H410, Very toxic to aquatic life with long lasting effects.

Signal Word: WARNING

Hazard Statements (s): H227, Combustible liquid.
H303, May be harmful if swallowed.
H316, Causes mild skin irritation.
H317, May cause an allergic skin reaction.
H410, Very toxic to aquatic life with long lasting effects.

Precautionary Statements(s): P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P261, Avoid breathing vapour or dust.
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.
P312, Call a POISON CENTRE or doctor/physician if you feel unwell.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
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.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



Other Hazards: Hydrocarbon Concentration %: 0.0000%

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Name	CAS	%	GHS Classification
Benzyl benzoate	120-51-4	50-100%	Acute Tox. 4-Acute Tox. 5-Aquatic Acute 1-Aquatic Chronic 2;H302-H313-H400-H411
1,3,4,6,7,8-Hexahydro4,6,6,7,8,8-hexamethylcyclopenta-gamma2-benzopyran	1222-05-5	20-<50%	Skin Irrit. 3-Aquatic Acute 1-Aquatic Chronic 1;H316-H410
alpha-iso-Methylionone	127-51-5	1-<5%	Skin Irrit. 2-Eye Irrit. 2B-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 2;H315-H317-H320-H411
Cedrol methyl ether	19870-74-7	1-<5%	Skin Sens. 1-Aquatic Chronic 1;H317-H410
beta-Ionone	14901-07-6	1-<5%	Skin Irrit. 3-Aquatic Acute 2-Aquatic Chronic 2;H316-H411
1-(1,2,3,4,5,6,7,8-Octahydro2,3,8,8-tetramethyl-2naphthalenyl)ethanone	54464-57-2	1-<5%	Skin Irrit. 2-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 1;H315-H317-H401-H410
Ethyl maltol	4940-11-8	1-<5%	Acute Tox. 4;H302
Diethyl phthalate	84-66-2	1-<5%	Skin Irrit. 3-Aquatic Acute 3;H316-H402
p-Methoxybenzaldehyde	123-11-5	1-<5%	Acute Tox. 5-Aquatic Acute 3;H303-H402
Vanillin	121-33-5	1-<5%	Acute Tox. 5-Eye Irrit. 2A-Aquatic Acute 3;H303-H319-H402
Butylated hydroxytoluene	128-37-0	1-<5%	Aquatic Acute 1-Aquatic Chronic 1;H410
Terpineol	8000-41-7	0.1-<1%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2AAquatic Acute 3;H227-H303-H315-H319-H402
Coumarin	91-64-5	0.1-<1%	Acute Tox. 4-Skin Sens. 1B-Aquatic Acute 3;H302-H317-H402

Substances with Community workplace exposure limits, not listed above:

Not Applicable

4. FIRST AID MEASURES

Inhalation:	Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
Eye Contact:	Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
Skin Contact:	IF ON SKIN: Wash with plenty of soap and water.
Ingestion:	Rinse mouth with water and obtain medical attention.
Most important symptoms and effects:	May be harmful if swallowed. Causes mild skin irritation. May cause an allergic skin reaction.
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 and Protective Equipment:	Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.
Environmental Precautions:	Keep away from drains, surface and ground water, and soil.
Methods and Suitable materials 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

Safe Handling Precautions:	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.
Storage conditions: 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. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.
Specific end use(s):	Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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
Aroma/Odour:	Sweet, Vanilla, Musk
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	> 90 °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:	1.0020 - 1.1420
Solubility(ies):	Not determined
Partition coefficient:	
n-octanol/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 Hazards:	Presents no significant reactivity hazard, by itself or in contact with water.
Chemical Stability:	Good stability under normal storage conditions.
Hazardous Reactions:	Not expected under normal conditions of use.
Conditions to Avoid:	Avoid extreme heat.
Incompatibles:	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:	Acute Toxicity - Oral Category 5
Acute Toxicity Oral:	2674
Acute Toxicity Dermal:	>5000
Acute Toxicity Inhalation:	Not Available
Skin corrosion/irritation :	Skin Corrosion / Irritation Category 3
Serious eye damage/irritation:	Based on available data the classification criteria are not met
Respiratory or skin sensitisation:	Sensitization – Skin Category 1
Germ cell mutagenicity:	Based on available data the classification criteria are note met.
Carcinogenicity:	Based on available data the classification criteria are not met
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	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
Benzyl benzoate	120-51-4	1500	4000	Not Available	Not Available
Ethyl maltol	4940-11-8	1200	Not available	Not available	Not available
Vanillin	121-33-5	3500	Not available	Not available	Not available
pMethoxybenzaldehyde	123-11-5	3210	Not available	Not available	Not available

12. ECOLOGICAL INFORMATION

Toxicity: Very toxic to aquatic life with long lasting effects.

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Persistence and degradability: Not Available.
Bioaccumulative potential: Not Available.
Mobility in soil: Not Available.
Other Adverse Effects: Not Available

13. DISPOSAL CONSIDERATIONS

Disposal: 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, Benzyl benzoate)
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran, Benzyl benzoate) 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, Benzyl benzoate)
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran, Benzyl benzoate)

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 3=10.16% SS 1=28.57% EH A1=31.37% EH A2=3.10% EH A3=0. 31014672% EH C1=77.64% EH C2=6.56% EH C3=0.65634025% EH C4=27.44%

Total Fractional Values: SCI 3=9.84 SS 1=3.50 EH A1=3.19 EH A2=32.23 EH A3=322.43 EH C1=1.29 EH C2=15.24 EH C3=152.36 EH C4=3.64

Key to revisions: Not applicable

Key to abbreviations:

Abbreviation	Meaning
Acute Tox. 4	Acute Toxicity - Oral Category 4
Acute Tox. 5	Acute Toxicity - Dermal Category 5
Acute Tox. 5	Acute Toxicity - Oral 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
Eye Irrit. 2A	Eye Damage / Irritation Category 2A
Eye Irrit. 2B	Eye Damage / Irritation Category 2B
Flam. Liq. 4	Flammable Liquid, Hazard Category 4
H227	Combustible liquid.
H302	Harmful if swallowed.
H303	May be harmful if swallowed.
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.
H320	Causes eye irritation.
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.
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.
P270	Do not eat, drink or smoke when using this product.
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.
P280	Wear protective gloves/eye protection/face protection.
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
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.
P330	Rinse mouth.
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.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Irrit. 3	Skin Corrosion / Irritation Category 3
Skin Sens. 1	Sensitization - Skin Category 1
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.