

1. IDENTIFICATION

Product Name: Watermelon Spritzer Fragrance
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 of Mixture: Acute Toxicity - Oral (Category 5)
 Skin Corrosion / Irritation (Category 2)
 Skin Corrosion/Irritation (Category 3)
 Flammable Liquid, Hazard (Category 4)
 Skin Sensitization - Skin (Category 1)
 Hazardous to the Aquatic Environment - Acute Hazard (Category 1)
 Hazardous to the Aquatic Environment - Long-term Hazard (Category 2)
 Hazardous to the Aquatic Environment Acute (Category 2)
 Hazardous to the Aquatic Environment Chronic (Category 2)
 H227, Combustible liquid.
 H303, May be harmful if swallowed.
 H315, Causes skin irritation.
 H316 Causes mild skin irritation.
 H317, May cause an allergic skin reaction.
 H400, Very toxic to aquatic life.
 H411, Toxic to aquatic life with long lasting effects.

Hazard Pictogram(s):



Signal Word: WARNING

Hazard Statements (s): H227, Combustible liquid.
 H303, May be harmful if swallowed.
 H315, Causes skin irritation.
 H316 Causes mild skin irritation.
 H317, May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H400, Very toxic to aquatic life.
 H411, 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.
 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.
 P312, Call a POISON CENTRE or doctor/physician if you feel unwell.

P333/313, If skin irritation or rash occurs: 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.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

EC No	CAS No	Description	GHS Classification	Concentration
204-402-9	120-51-4	Benzyl benzoate	Acute Tox. 4-Acute Tox. 5-Aquatic Acute1-Aquatic Chronic 2;H302-H313-H400-H411	20-<50%
227-813-5	5989-27-5	Limonene	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1BAsp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H226-H304-H315-H317-H410	5-<10%
214-946-9	1222-05-5	1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran	Skin Irrit. 3-Aquatic Acute 1-Aquatic Chronic 1;H316-H410	1-<5%
203-161-7	103-95-7	2-Methyl-3-(p-isopropylphenyl) propionaldehyde	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 3;H227-H303-H315-H317-H401- H412	1-<5%
203-374-5	106-21-8	3,7-Dimethyl-1-octanol	Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2AAquatic Acute 2-Aquatic Chronic 2;H313- H315-H319-H411	1-<5%
201-134-4	78-70-6	Linalool	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 3; H227-H303-H315-H317-H319-H402	1-<5%
211-536-1	659-70-1	Isoamyl isovalerate	Flam. Liq. 4-Aquatic Acute 2-Aquatic Chronic 2;H227-H411	1-<5%
204-662-3	123-92-2	Isoamyl acetate	Flam. Liq. 3-Aquatic Acute 3;H226-H402	1-<5%
204-881-4	128-37-0	Butylated hydroxytoluene	Aquatic Acute 1-Aquatic Chronic 1;H410	1-<5%
214-881-6	1205-17-0	alpha-Methyl-1,3-benzodioxole-5-propionaldehyde	Acute Tox. 5-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 2;H303-H317-H411	1-<5%
939-604-2	68039-49-6	2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 2;H227-H303-H315-H317-H411	0.1-<1%
203-518-7	107-75-5	Hydroxycitronellal	Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute3; H317-H319-H402	0.1-<1%
204-872-5	127-91-3	beta-Pinene	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1BAsp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H226-H304-H315-H317-H410	0.1-<1%
242-362-4	18479-58-8	Dimyrcetol	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Aquatic Acute 3;H227-H303- H315-H319-H402	0.1-<1%
204-622-5	123-35-3	Myrcene	Flam. Liq. 3-Skin Irrit. 2-Eye Irrit. 2A-Asp. Tox 1;H226-H304-H315-H319	0.1-<1%
201-291-9	80-56-8	alpha Pinene	Flam. Liq. 3-Acute Tox. 5-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H226-H303-H304-H315-H317-H410	0.1-<1%
639-566-4	165184-98-5, 101-86-0	2-Hexyl-(E)-cinnamaldehyde	Acute Tox. 5-Skin Irrit. 3-Skin Sens. 1BAquatic Acute 1-Aquatic Chronic 2;H303-H316-H317-H400-H411	0.1-<1%
201-550-6	84-66-2	Diethyl phthalate	Skin Irrit. 3-Aquatic Acute 3;H316-H402	50-100%

201-828-7	88-41-5	2-tert-Butylcyclohexyl acetate	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 3-Aquatic Acute 2-Aquatic Chronic 2;H227- H303-H316-H411	5-<10%
250-954-9	32210-23-4	4-tert-Butylcyclohexyl acetate	Acute Tox. 5-Skin Sens. 1B-Aquatic Acute 2;H303-H317-H401	5-<10%
201-061-8	77-83-8	Ethyl methylphenylglycidate	Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 2;H317-H411	5-<10%
201-746-1	87-44-5	beta-Caryophyllene	Skin Irrit. 3-Skin Sens. 1B-Asp. Tox 1; H304-H316-H317	1-<5%
204-846-3	127-51-5	alpha-iso-Methylionone	Skin Irrit. 2-Eye Irrit. 2B-Skin Sens. 1BAquatic Acute 2-Aquatic Chronic 2;H315- H317-H320-H411	1-<5%
205-399-7	140-11-4	Benzyl acetate	Acute Tox. 5-Skin Irrit. 3-Aquatic Acute 2- Aquatic Chronic 3;H303-H316-H401-H412	1-<5%
226-806-4	5471-51-2	4-(p-Hydroxyphenyl)-2-butanone	Aquatic Acute 3;H402	1-<5%
203-341-5	105-87-3	Geranyl acetate	Skin Irrit. 2-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 3;H315-H317-H401-H412	1-<5%
246-495-9	24851-98-7	Methyl dihydrojasmonate	Aquatic Acute 3;H402	1-<5%
233-221-8	10094-34-5	alpha,alpha-Dimethylphenethyl butyrate	Aquatic Acute 2-Aquatic Chronic 2;H411	1-<5%
233-221-8	10094-34-5	alpha,alpha-Dimethylphenethyl butyrate	Aquatic Acute 2-Aquatic Chronic 2;H411	1-<5%
203-375-0	106-22-9	Citronellol	Acute Tox. 5-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 2;H303-H313-H315-H317-H319-H401	0.1-<1%
260-709-8	57378-68-4 2	delta-1-(2,6,6-Trimethyl-3-cyclohexen-1- yl)-2-buten-1-one	Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1AAquatic Acute 1-Aquatic Chronic 1;H302- H315-H317-H410	0.1-<1%
204-642-4	123-68-2	Allyl hexanoate	Flam. Liq. 4-Acute Tox. 3-Acute Tox. 3-Acute Tox. 3-Aquatic Acute 1-Aquatic Chronic 3;H227-H301-H311-H331-H400- H412	0.1-<1%
279-815-0	81782-77-6	4-Methyl-3-decen-5-ol	Flam. Liq. 4-Aquatic Acute 1;H227-H400	0.1-<1%
245-845-8	43052-87-5	alpha-1-(2,6,6-Trimethyl-2-cyclohexen-1- yl)-2-buten-1-one	Acute Tox. 4-Acute Tox. 5-Skin Sens. 1BAquatic Acute 2-Aquatic Chronic 2;H302- H313-H317-H411	0.1-<1%
203-093-8	103-26-4	Methyl cinnamate	Acute Tox. 5-Skin Sens. 1B;H303-H317	0.1-<1%
209-578-0	586-62-9	Terpinolene	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 3-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H227-H303-H304-H316- H317-H410	0.1-<1%
204-409-7	120-57-0	Piperonal	Acute Tox. 5-Skin Sens. 1B-Aquatic Acute 2;H303-H317-H401	0.1-<1%

Substances with community workplace exposure limits, not listed above:

EC No	CAS No	Description	Concentration
204-881-4	128-37-0	Butylated hydroxytoluene	1.00%
201-550-6	84-66-2	Diethyl phthalate	55.13%
205-500-4	141-78-6	Ethyl acetate	0.20%

4. FIRST AID MEASURES

Skin Contact:

IF ON SKIN: Wash with plenty of soap and water.
Call a POISON CENTRE or doctor/physician if you feel unwell.

Most important symptoms and effects both acute and delayed: Causes skin irritation.
May be harmful if swallowed.
May cause an allergic skin reaction.

Indication of any immediate Medical attention and special treatment needed: None expected.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Carbon dioxide, Dry chemical, foam.

Special hazards arising from the substance or mixture: In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

Advice for Fire Fighters: In case of insufficient ventilation, wear suitable respiratory equipment.
Avoid inhalation of generated fumes or vapours. Use appropriate respiratory equipment.

6. ACCIDENTAL RELEASE MEASURES

Protective Equipment: Avoid inhalation.
Avoid contact with skin and eyes.
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.
Use appropriate respiratory equipment.

Environmental Precautions: Keep away from drains, surface and ground water, and soil.

Methods and Suitable materials for spill containment: 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.

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: Store in a well-ventilated place. Keep container tightly closed. To prevent congealing and denaturing it is recommended that goods are stored at temperatures between 15 - 30°C. 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

Ingredient	CAS	EC	Description	ppm	mg/m3	Reference
Butylated hydroxytoluene	128-37-0	204-881-4	Long-term exposure limit (8-hour TWA reference period)	-	-	-
			Short-term exposure limit (15-minute - reference period)	-	-	-
Ethyl acetate	141-78-6	205-500-4	Long-term exposure limit (8-hour TWA reference period)	-	-	-
			Short-term exposure limit (15-minute reference period)	-	-	-
Diethyl phthalate	84-66-2	201-550-6	Long-term exposure limit (8-hour TWA reference period)	-	-	-
			Short-term exposure limit (15-minute reference period)	-	-	-

Exposure Controls

Eye/ Skin Protection: Avoid skin contact. Wear protective gloves/eye protection/face protection.

Skin 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 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colourless – Faint Yellow, Liquid
Colour: Pale
Odour: Green, Citrus, Melon, Sweet, Strawberries, Champagne, Fruit
pH: Not determined
Initial boiling point/range: Not determined
Flash Point (closed cup test): = 85.0 °C
Vapour pressure: Not determined
Relative density: 1.0347 – 1.0487
Solubility(ies): Not determined

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.

May be harmful if swallowed.
Causes skin irritation.
May cause an allergic skin reaction.

Assumed Toxicity Value (LD50 or ATE) for Acute Oral Toxicity: >5000
Assumed Toxicity Value (LD50 or ATE) for Acute Dermal Toxicity: >5000
Assumed Toxicity Value (LC50 or ATE) for Acute Inhalation Toxicity: Not Available
Inhalation Route: Not Available

Information about hazardous Ingredients in the Mixture:

EC	CAS	Name	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
204-402-9	120-51-4	Benzyl benzoate	1500	4000	Not available	Not available
204-642-4	123-68-2	Allyl hexanoate	300	300	3	Vapour

12. ECOLOGICAL INFORMATION

Environmental Toxicity:	Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Persistence and degradability:	Not available
Bioaccumulative potential:	Not available
Mobility in soil:	Not available
PBT and vPvB Assessment:	This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.
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.
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14. TRANSPORT INFORMATION

UN Number:	UN3082
UN Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Limonene, Benzyl benzoate, beta-Pinene)
Transport Hazard Class(es):	9
Sub Risk:	None
Packing Group:	III
Environmental Hazards:	This is an environmentally hazardous substance.
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

Safety, Health and Environmental Regulations Specific for the substance or mixture:

Water Hazard Class (WGK):	3
Chemical Safety Assessment:	A Chemical Safety Assessment has not been carried out for this product.

16. OTHER INFORMATION

Concentration % Limits:	EH A1=39.88% EH A2=3.94% EH A3=0.39386516% EH C2=13.34% EH C3=1.33% EH C4=35.62% SCI 2=66.87% SCI 3=5.92% SS 1=12.04% EH A2=38.44% EH A3=3.53% EH C2=51.29% EH C3=5.09% SCI 3=6.30% SS 1=14.29%
Total Fractional Values:	EH A1=2.51 EH A2=25.38 EH A3=253.89 EH C2=7.50 EH C3=75.08 EH C4=2.81 SCI 2=1.50 SCI 3=16.89 SS 1=8.31 EH A2=38.44% EH A3=3.53% EH C2=51.29% EH C3=5.09% SCI 3=6.30% SS 1=14.29%

Key to abbreviations:

Abbreviation	Meaning
Acute Tox. 3	Acute Toxicity – Oral Category 3

Acute Tox. 3	Acute Toxicity – Dermal Category 3
Acute Tox. 3	Acute Toxicity – Inhalation Category 3
Acute Tox. 4	Acute Toxicity - Oral Category 4
Acute Tox. 4	Acute Toxicity – Dermal Category 4
Acute Tox. 4	Acute Toxicity – Inhalation 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
Aquatic Chronic 3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
Asp. Tox 1	Aspiration Hazard Category 1
Eye Dam. 1	Eye Damage / Irritation Category 1
Eye Irrit. 2A	Eye Damage / Irritation Category 2A
Eye Irrit. 2B	Eye Damage / Irritation Category 2B
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.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H303	May be harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H313	May be harmful in contact with skin.
H315	Causes skin irritation.
H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H320	Causes eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
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.
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.
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.
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.
P310	Immediately call a POISON CENTER or doctor/physician.
P311	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.
P361	Remove/Take off immediately all contaminated clothing.
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.
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Irrit. 3	Skin Corrosion / Irritation Category 3
Skin Sens. 1A	Sensitization - Skin Category 1A
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.