

## Safety Data Sheet

### Section 1: Company and Product Information

<b>Product Name:</b>	Starfruit & Mandarin (BBW Dupe) Fragrance Oil
<b>INCI Name:</b>	Parfum
<b>Country of Origin:</b>	United States
<b>Product Use:</b>	Cosmetic and personal care applications.
<b>Restrictions on Use:</b>	Repackaged for cosmetic use only.
<b>Supplier:</b>	Windy Point Soap Making Supplies Inc. 14, 6125-12th Street SE Calgary, AB T2H 2K1 587-318-6678 / 877-257-0030
<b>Emergency Phone Number:</b>	770-334-3906

### Section 2: Hazard Identification

#### **Classification of the substance or mixture**

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

<b>Class and category of danger:</b>	Flammable Liquid, Hazard Category 4 Skin Corrosion / Irritation Category 2 Sensitization - Skin Category 1 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. H411, Toxic to aquatic life with long lasting effects.
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#### **Pictograms:**



<b>Signal word:</b>	Warning
<b>Hazard statements:</b>	H227, Combustible liquid. H315, Causes skin irritation. H317, May cause an allergic skin reaction. H411, Toxic to aquatic life with long lasting effects.
<b>Precautionary statements:</b>	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. 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.
<b>Other hazards:</b>	No data available.

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### Section 3: Composition / Information on Ingredients

<u>Name</u>	<u>CAS</u>	<u>%</u>	<u>GHS Classification</u>
gamma-Undecalactone	104-67-6	10-<20%	Skin Irrit. 3-Aquatic Acute 3-Aquatic Chronic 3;H316-H412
gamma-Nonalactone	104-61-0	5-<10%	Skin Irrit. 3;H316
Linalool	78-70-6	1-<5%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 3;H227-H303-H315-H317-H319-H402
d-Limonene	5989-27-5	1-<5%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 3;H226-H304-H315-H317-H400-H412
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone	54464-57-2	1-<5%	Skin Irrit. 2-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 1;H315-H317-H401-H410
Ethyl 2-methyl-1,3-dioxolane-2-acetate	6413-10-1	1-<5%	Flam. Liq. 4-Skin Irrit. 3;H227-H316
2-tert-Butylcyclohexyl acetate	88-41-5	1-<5%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 3-Aquatic Acute 2-Aquatic Chronic 2;H227-H303-H316-H411
Methyl dihydrojasmonate	24851-98-7	1-<5%	Aquatic Acute 3;H402
gamma-Decalactone	706-14-9	1-<5%	Skin Irrit. 3;H316
gamma-Dodecalactone	2305-05-7	1-<5%	Skin Irrit. 3;H316
alpha-Methylbenzyl acetate	93-92-5	1-<5%	Flam. Liq. 4-Aquatic Acute 3;H227-H402
Ethyl maltol	4940-11-8	1-<5%	Acute Tox. 4-Aquatic Acute 2;H302-H401
beta-Ionone	14901-07-6	1-<5%	Skin Irrit. 3-Aquatic Acute 2-Aquatic Chronic 2;H316-H411
Ethylene brassylate	105-95-3	1-<5%	Aquatic Acute 2;H401
Allyl cyclohexanepropionate	2705-87-5	1-<5%	Acute Tox. 4-Acute Tox. 4-Acute Tox. 4-Skin Sens. 1-Aquatic Acute 1-Aquatic Chronic 1;H302-H312-H317-H332-H410
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran	1222-05-5	1-<5%	Skin Irrit. 3-Aquatic Acute 1-Aquatic Chronic 1;H316-H410

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Amyl hexanoate	540-07-8	1-<5%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A;H227-H315-H319
Citral	5392-40-5	1-<5%	Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1-Aquatic Acute 2;H313-H315-H317-H319-H401
Geranyl acetate	105-87-3	0.1-<1%	Skin Irrit. 2-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 3;H315-H317-H401-H412
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde	68039-49-6	0.1-<1%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 2;H227-H303-H315-H317-H319-H411
dl-Citronellol	106-22-9	0.1-<1%	Acute Tox. 5-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 2;H303-H313-H315-H317-H319-H401
Allyl (cyclohexyloxy)acetate	68901-15-5	0.1-<1%	Acute Tox. 4-Aquatic Acute 1-Aquatic Chronic 1;H302-H410
Ethyl methylphenylglycidate	77-83-8	0.1-<1%	Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 2; H317-H411
Benzyl benzoate	120-51-4	0.1-<1%	Acute Tox. 4-Acute Tox. 5-Aquatic Acute 1-Aquatic Chronic 2;H302-H313-H400-H411
4-Methyl-3-decen-5-ol	81782-77-6	0.1-<1%	Flam. Liq. 4-Aquatic Acute 1-Aquatic Chronic 2;H227-H400-H411
Tetrahydro-4-methyl-2-(2-methylpropen-1-yl)pyran	16409-43-1	0.1-<1%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Repr. 2-Aquatic Acute 3;H227-H303-H315-H319-H361-H402
1-(5,5-Dimethyl-1-cyclohexen-1-yl)pent-4-en-1-one	56973-85-4	0.1-<1%	Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 2; H317-H411
2,6-Dimethyl-5-heptenal	106-72-9	0.1-<1%	Flam. Liq. 4-Skin Sens. 1B-Aquatic Acute 2;H227-H317-H401
Methyl cinnamate	103-26-4	0.1-<1%	Acute Tox. 5-Skin Sens. 1B;H303-H317
Linalyl acetate	115-95-7	0.1-<1%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2B-Skin Sens. 1B-Aquatic Acute 3;H227-H315-H317-H320-H402

Hydrocarbon Concentration % : 3.5720

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Substances with workplace exposure limits, not listed above: Not applicable.

### Section 4: First Aid Measures

#### Description of 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 mild skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
**Indication of any immediate medical attention and special treatment needed** None expected.

### Section 5: Fire Fighting Measures

#### Extinguishing media

**Suitable:** Carbon dioxide (CO<sub>2</sub>), 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 firefighters:** In case of insufficient ventilation, wear suitable respiratory equipment.

### Section 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 ground water, and soil.  
**Methods and 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.

### Section 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 any incompatibilities:** Store in a well-ventilated place. Keep container tightly closed. 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.

### Section 8: Exposure Control / Personal Protection

#### Exposure controls - Personal protective equipment

**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 buildup of excessive vapour, this material should not require special

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engineering controls. 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 minimize exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

**Workplace exposure limits:** None applicable.

### Section 9: Physical and Chemical Properties

<b>Appearance:</b>	Free flowing liquid without sediment
<b>Odour:</b>	Characteristic
<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>	91°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>	-0.0050 - 0.0050
<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
<b>Refractive Index @ 20C:</b>	-0.0015 - 0.0015
<b>Flash Point (Fahrenheit):</b>	196 °F
<b>Flash Point (Fahrenheit):</b>	
<b>Calculated VOC:</b>	
<b>Colour Range:</b>	

### Section 10: Stability and Reactivity

<b>Reactivity conditions:</b>	Presents no significant reactivity hazard, by itself or in contact with water.
<b>Chemical stability:</b>	Good stability under normal storage conditions.
<b>Possibility of hazardous reactions:</b>	Not expected under normal conditions of use.
<b>Conditions to avoid:</b>	Avoid extreme heat.
<b>Incompatibility:</b>	Avoid contact with strong acids, alkalis or oxidizing agents.
<b>Hazardous decomposition products:</b>	Not expected.

### Section 11: Toxicological Information

<b>Information on toxicological effects:</b>	This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in UN GHS.
<b>Acute Toxicity:</b>	Based on available data the classification criteria are not met.
<b>Acute Toxicity Oral:</b>	>5000

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<b>Acute Toxicity Dermal:</b>	>5000
<b>Acute Toxicity Inhalation:</b>	Not available
<b>Skin corrosion/irritation:</b>	Skin Corrosion / Irritation Category 2
<b>Serious eye damage/irritation:</b>	Based on available data the classification criteria are not met.
<b>Respiratory or skin sensitization:</b>	Sensitization - Skin Category 1
<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>	Based on available data the classification criteria are not met.
<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.

<u>Name</u>	<u>CAS</u>	<u>LD50/ATE Oral</u>	<u>LD50/ATE Dermal</u>	<u>LD50/ATE Inhalation</u>	<u>LC50 Route</u>
2-tert-Butylcyclohexyl acetate	88-41-5	4600	Not available	Not available	Not available
Allyl cyclohexanepropionate	2705-87-5	480	1600	11	Not available
Citral	5392-40-5	Not available	2250	Not available	Not available
Ethyl maltol	4940-11-8	1200	Not available	Not available	Dust/mist mg/l
Linalool	78-70-6	2790	Not available	Not available	Not available

### Section 12: Ecological Information

<b>Toxicity:</b>	Toxic to aquatic life with long lasting effects.
<b>Persistence and degradability:</b>	Not available
<b>Bioaccumulative potential:</b>	Not available
<b>Mobility in soil:</b>	Not available
<b>Other adverse effects:</b>	Not available

### Section 13: Disposal Information

**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

	<u>UN Number</u>	<u>UN Proper Shipping Name</u>	<u>Transport hazard class</u>	<u>Sub Risk</u>	<u>Packing group</u>
<b>UN Model Regulations</b>	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone, Allyl cyclohexanepropionate)	9	-	III
<b>IMDG</b>	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone, Allyl cyclohexanepropionate)	9	-	III
<b>ADR,RID,ADN</b>	UN3082	MARINE POLLUTANT ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone, Allyl cyclohexanepropionate)	9	-	III

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SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone, Allyl cyclohexanepropionate)

**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

### Section 15: Regulatory Information

**Components listed on California's Proposition 65:**

<u>Name</u>	<u>CAS</u>	<u>%</u>
Myrcene	123-35-3	<0.1%

**Essential Oil Components:**

<u>Name</u>	<u>CAS</u>	<u>%</u>
ORANGE ESSENCE OIL	8008-57-9	1-<5%
LEMON OIL CALIFORNIA	8008-56-8	0.1-<1%

**Additional formulation properties:**

<u>Name</u>	<u>CAS</u>	<u>%</u>
Vanillin	121-33-5	0.1-<1%

**Components listed on California's SB312:**

<u>Name</u>	<u>CAS</u>	<u>%</u>
DIOCTYL ADIPATE ( S ) "DOA"	103-23-1	20-<50%
LINALOOL	78-70-6	1-<5%
CITRAL	5392-40-5	1-<5%

**US Department Of Transport Bulk Packing Group:** -

### Section 16: Other Information

**Concentration % Limits:** SCI 2=70.18% SCI 3=4.94% SS 1=20.17% EH A2=27.31% EH A3=2.67%EH C2=32.73% EH C3=3.21% EH C4=96.24%

**Total Fractional Values:** SCI 2=1.42 SCI 3=20.25 SS 1=4.96 EH A2=3.66 EH A3=37.43 EH C2=3.05 EH C3=31.12 EH C4=1.04

**Disclaimer & Caution**

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Windy Point Soap Making Supplies Inc. provides the



## **Fragrance Oil – Starfruit & Mandarin (BBW Dupe)**

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