Safety Data Sheet
Pink Grapefruit Fragrance Oil (V000340)

September 1, 2021

Section 1: Chemical Product and Company Identification

Product name: Pink Grapefruit Fragrance Oil
Contact Info: Bramble Berry Inc.
2138 Humboldt Street
Bellingham, WA 98225
info@brambleberry.com
www.brambleberry.com
1-877-627-7883

Emergency Phone Number: Within USA & Canada: 1.800.424.9300 CCN693143
Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

Section 2: Hazards Identification

2.1 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.

Classification according to GHS and (EC) No 1272/2008 (CLP)

Flammable Liquids, Category 3
Acute Toxicity Oral, Category 5
Aspiration Hazard, Category 1
Acute Toxicity Dermal, Category 5
Skin Corrosion/Irritation, Category 2
Sensitization, Skin, Category 1B
Acute Toxicity Inhalation, Category 5
Aquatic Chronic Toxicity, Category 1

H226: Flammable liquid and vapor
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
H317: May cause an allergic skin reaction
H333: May be harmful if inhaled
H410: Very toxic to aquatic life with long lasting effects

Classification OSHA (Provisions 1910.1200 of title 29)
Flammability
Dermal/Eye
Acute Inhalation
Acute Oral
Sensitization/Allergic Response
Class II Flammable Liquid Acute
12: Causes skin irritation.
15: May cause eye irritation.
23: May cause respiratory tract irritation.
3: May be harmful if swallowed or if aspirated into the lungs
31: May cause allergic skin reaction.
Target Organ Effects
28: Prolonged or repeated Dermal Exposure may cause damage to: kidneys, skin

Carcinogenicity
This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following: None [X] ACGIH [] IARC [] NTP [] OSHA []

2.2 Label elements
Labelling (REGULATION (EC) No 1272/2008)
Hazard pictograms
![Hazard Pictograms]

Signal Word: Danger, Warning
Hazard statements
H226 Flammable liquid and vapor
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H315 Causes skin irritation
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H333 May be harmful if inhaled
H410 Very toxic to aquatic life with long lasting effects

Precautionary Statements Prevention:
P233 Keep container tightly closed
P235 Keep cool
P240 Ground/bond container and receiving equipment
P241 Use explosion-proof electrical/ventilating/light/.../equipment
P242 Use only non-sparking tools
P243 Take precautionary measures against static discharge
P264 Wash hands thoroughly after handling
P272 Contaminated work clothing should not be allowed out of the workplace
P273 Avoid release to the environment

Response:
P301 + P310 + P331 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do NOT induce vomiting
P302 + P352 IF ON SKIN: Wash with soap and water
P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing Rinse skin with water/shower
P304 + P312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell
P312 Call a POISON CENTER or doctor/physician if you feel unwell
P333 + P313 If skin irritation or a rash occurs: Get medical advice/attention
P352 Wash with soap and water
P362 Take off contaminated clothing and wash before reuse P363 Wash contaminated clothing before reuse
P370 + P378 In case of fire: Use Carbon dioxide (CO2), Dry chemical, or Foam for extinction. Do not use a direct water jet on burning material
P391 Collect Spillage

2.3 Other Hazards
Section 3: Composition/Information on Ingredients

3.1 Mixtures
This product is a complex mixture of ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS):

<table>
<thead>
<tr>
<th>CAS#</th>
<th>EC#</th>
<th>Conc. Range</th>
<th>GHS Classification</th>
<th>OSHA Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>68647-72-3 Citrus aurantium var. dulcis</td>
<td>232-433-8</td>
<td>60 - 70 %</td>
<td>H226; H304; H315; H317; H400; H410</td>
<td>12, 3, 31</td>
</tr>
<tr>
<td>5989-27-5 Limonene</td>
<td>227-813-5</td>
<td>10 - 20 %</td>
<td>H226; H304; H315; H317; H400; H410</td>
<td>11, 15, 23</td>
</tr>
<tr>
<td>120-51-4 Benzyl Benzoate</td>
<td>204-402-9</td>
<td>5 - 10 %</td>
<td>H302; H313; H400; H411</td>
<td>28, 3</td>
</tr>
<tr>
<td>1222-05-5 Hexamethylindenopyran</td>
<td>214-946-9</td>
<td>5 - 10 %</td>
<td>H316; H400; H410</td>
<td>11, 15</td>
</tr>
<tr>
<td>8016-20-4 Citrus grandis peel oil</td>
<td>289-904-6</td>
<td>5 - 10 %</td>
<td>H226; H304; H315; H400; H410</td>
<td>12, 3, 31</td>
</tr>
</tbody>
</table>

See Section 16 for full text of GHS classification codes
Total Hydrocarbon Content (% w/w) = 83.15

Section 4: First Aid Measures

4.1 Description of first aid measures
Inhalation: Remove from exposure site to fresh air and keep at rest. Obtain medical advice.
Eye Exposure: Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
Skin Exposure: Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.
Ingestion: Rinse mouth with water and obtain medical advice.

4.2 Most important symptoms and effects, both acute and delayed
Symptoms: no data available
Risks: Refer to Section 2.2 "Hazard Statements"
4.3 Indication of any immediate medical attention and special treatment needed
Treatment: Refer to Section 2.2 “Response”

Section 5: Fire-Fighting Measures

5.1 Extinguishing media
Suitable: Carbon dioxide (CO2), Dry chemical, Foam
Unsuitable: Do not use a direct water jet on burning material

5.2 Special hazards arising from the substance or mixture
During fire fighting: Water may be ineffective

5.3 Advice for firefighters
Further information: Standard procedure for chemical fires

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures
Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

6.2 Environmental precautions
Keep away from drains, soil, and surface and groundwater.

6.3 Methods and materials for containment and cleaning up
Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

6.4 Reference to other sections
Not Applicable

Section 7: Handling and Storage

7.1 Precautions for safe handling
Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

7.2 Conditions for safe storage, including any incompatibilities
Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid plastic and uncoated metal container. Keep air contact to a minimum.

7.3 Specific end uses
No information available

Section 8: Exposure Controls/Personal Protection

8.1 Control parameters
Exposure Limits: Contains no substances with occupational exposure limit values Engineering Controls: Use local exhaust as needed.

8.2 Exposure controls - Personal protective equipment
Eye protection: Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc. as may be appropriate for the exposure
Respiratory protection: Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.
Skin protection: Avoid Skin contact. Use chemically resistant gloves as needed.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties
Appearance: Conforms to Standard
Odor: Conforms to Standard
Color: Nearly Colorless to Pale Yellow (G2/3)
Viscosity: Liquid
Freezing Point: Not determined
Boiling Point: Not determined
Melting Point: Not determined
Flashpoint: 127 F (52.78 C)
Auto flammability: Not determined
Explosive Properties: None Expected
Oxidizing properties: None Expected
Vapor Pressure (mmHg@20 C): 0.8595
%VOC: 84.02
Specific Gravity @ 25 C: 0.8700
Density @ 25 C: 0.8670
Refractive Index @ 25 C: 1.4820
Soluble in: Oil

Section 10: Stability and Reactivity

10.1 Reactivity None
10.2 Chemical stability Stable
10.3 Possibility of hazardous reactions None known
10.4 Conditions to avoid None known
10.5 Incompatible materials Strong oxidizing agents, strong acids, and alkalis
10.6 Hazardous decomposition products None known

Section 11: Toxicological Information

11.1 Toxicological Effects
Acute toxicity – Oral (LD50: 3,998.00) May be harmful if swallowed
Acute toxicity – Dermal (LD50: 3,997.60) May be harmful in contact with skin
Acute toxicity – Inhalation (LC50: 74.84) May be harmful if inhaled
Skin corrosion / irritation Causes skin irritation
Serious eye damage / irritation Not classified - the classification criteria are not met
Respiratory sensitization Not classified - the classification criteria are not met
Skin sensitization
May cause an allergic skin reaction

Germ cell mutagenicity
Not classified - the classification criteria are not met

Carcinogenicity
Not classified - the classification criteria are not met

Reproductive toxicity
Not classified - the classification criteria are not met

Specific target organ toxicity - single exposure
Not classified - the classification criteria are not met

Specific target organ toxicity - repeated exposure
May be fatal if swallowed and enters airways

Section 12: Ecological Information

12.1 Toxicity
Acute aquatic toxicity
Not classified - the classification criteria are not met

Chronic aquatic toxicity
Very toxic to aquatic life with long lasting effects

Toxicity Data on soil
no data available

Toxicity on other organisms
no data available

12.2 Persistence and degradability
no data available

12.3 Bioaccumulative potential
no data available

12.4 Mobility in soil
no data available

12.5 Other adverse effects
no data available

Section 13: Disposal Conditions

13.1 Waste treatment methods
Do not allow product to reach sewage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, watercourses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.

Section 14: Transport Information

<table>
<thead>
<tr>
<th>Regulator</th>
<th>Class</th>
<th>Pack Group</th>
<th>Sub Risk</th>
<th>UN-nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. DOT (Non-Bulk)</td>
<td></td>
<td>Not Regulated - Not Dangerous Goods</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemicals NOI</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>ADR/RID (International Road/Rail)</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Environmentally Hazardous Substance,9</td>
<td>III</td>
<td></td>
<td></td>
<td>UN3082</td>
</tr>
<tr>
<td>Liquid, n.o.s.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IATA (Air Cargo)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perfumery Products</td>
<td>3</td>
<td>III</td>
<td>Flammable Liquid</td>
<td>UN1266</td>
</tr>
<tr>
<td>Environmentally Hazardous Substance,9</td>
<td>III</td>
<td></td>
<td></td>
<td>UN3082</td>
</tr>
<tr>
<td>Liquid, n.o.s.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IMDG (Sea)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td>3</td>
<td>III</td>
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</tbody>
</table>

Section 15: Regulatory Information

U.S. Federal Regulations:
TSCA (Toxic Substance Control Act): All components of the substance/mixture are listed or exempt
40 CFR (EPCRA, SARA, CERCLA and CAA) This product contains NO components of concern.
U.S. State Regulations:
California Proposition 65 Warning No Warning required
Canadian Regulations:
DSL / NDSL 100.00% of the components are listed or exempt.

Section 16: Other Information

GHS H-Statements referred to under section 3

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H304 : May be fatal if swallowed and enters airways                        H313 : May be harmful in contact with skin
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H317 : May cause an allergic skin reaction                                 H400 : Very Toxic to aquatic life
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Total Fractional Values
(TFV) Risk
(8.40) Aspiration Hazard, Category 1                                         (8.41) Skin Corrosion/Irritation, Category 2
(14.94) Sensitization, Skin, Category 1B                                       (3.60) Aquatic Chronic Toxicity, Category 1

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