



Safety Data Sheet

Crisp Apple Rose Fragrance Oil (V000248)

September 1, 2021

Section 1: Chemical Product and Company Identification

Product name: Crisp Apple Rose 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.

| | |
|------------------------------------|---|
| Emergency Overview of OSHA Hazards | |
| Flammability | Class IIIB Combustible Liquid |
| Acute Dermal/Eye | 12 Causes moderate skin irritation. 15 May cause eye irritation. |
| Acute Oral | 2 Harmful if swallowed |
| Sensitization/Allergic Response | 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 ACGIH IARC NTP OSHA

Section 3: Composition/Information on Ingredients

Chemical Identification: Perfumery Compound (Mixture)
INCI Name: Fragrance

Fragrance Compound: a multi component mixture of fragrance ingredients. The specific chemical identities of the ingredients not listed herein are considered to be Trade Secrets and are withheld in accordance with the provisions of 1910.1200 of title 29 of the U.S. Code of Federal Regulations. This product is a complex mixture of fragrance ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of OSHA Hazard Communication Standard 29CFR1910.1200 (HCS), or having an occupational Exposure Limit:

| CAS# | Ingredient(s) | Risk Codes |
|------------|---------------------------------|------------|
| 10094-34-5 | a ,a-Dimethylphenethyl butyrate | 11, 15 |



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| | | |
|------------|---|--------|
| 101-86-0 | Hexyl cinnamal | 11, 15 |
| 10339-55-6 | 3,7-Dimethyl-1,6-nonadien-3-ol | 11, 15 |
| 105-95-3 | Ethylene brassylate | 11, 15 |
| 120-51-4 | Benzyl Benzoate | 3, 28 |
| 1222-05-5 | Hexamethylindanopyran | 11, 15 |
| 18479-58-8 | Dihydromyrcenol | 11, 15 |
| 54464-57-2 | 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8-tetramethyl-2-naphthalenyl)ethanone (OTNE) | 11, 31 |
| 88-41-5 | 2-t-Butylcyclohexyl acetate | 2, 12 |

Total Hydrocarbon Content (% w/w) = 1.05

Section 4: 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. |
| Others: | Take risk and safety phrases (section 15) into account. |

Section 5: Fire-Fighting Measures

| | |
|------------------------------------|--|
| Flash Point | >200 F (93.33 C) |
| Flammability | Class IIIB Combustible Liquid |
| Extinguishing Media: | Carbon dioxide, dry chemical, foam. Do not use a direct water jet on burning material. |
| Special Fire Fighting Procedures | Wear NIOSH approved self-contained breathing apparatus and full protective clothing when fighting fires involving chemicals. Use water spray to cool containers exposed to fire. |
| Unusual Fire and Explosion Hazards | None Known |

Section 6: Accidental Release Measures

| | |
|----------------------------|---|
| Personal precautions: | Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill. |
| Spillage: | 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. |
| Environmental Precautions: | Keep away from drains, soil, and surface and groundwater. |

Section 7: Handling and Storage

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|------------------|---|
| 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. |
| Storage: | 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. |
| Fire protection: | Keep away from ignition sources and naked flame. |

Section 8: Exposure Controls/Personal Protection



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ENGINEERING MEASURES

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|-----------------|---|
| Closed Systems: | Wherever possible, use closed systems to transfer fragrances. |
| Isolation: | If appropriate, isolate mixing rooms and other areas where fragrances are openly handled and maintain these areas under negative air pressure relative to the rest of the plant. |
| Ventilation: | Use local exhaust ventilation meeting ACGIH design criteria around tanks and other sources of potential exposures, including places where fragrances are openly weighed or measured, as well as general dilution ventilation of the work area to eliminate or reduce possible worker exposures. |

PERSONAL PROTECTIVE

| | |
|-------------------------|--|
| Respiratory Protection: | EQUIPMENT Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate. |
| Eye Protection: | Use goggles. |
| Skin Protection: | Avoid Skin contact. Use chemically resistant gloves as needed. |

Section 9: Physical and Chemical Properties

| | |
|-----------------------------|----------------------|
| Appearance: | Conforms to Standard |
| Color: | Yellow Tint (G0/1) |
| Freezing Point: | Not determined |
| Melting Point: | Not determined |
| Auto flammability: | Not determined |
| Oxidizing properties: | None Expected |
| %VOC | : 3.2079 |
| Density @ 25 C: | 1.0480 |
| Soluble in: | Oil |
| Odor: | Conforms to Standard |
| Viscosity: | Liquid |
| Boiling Point: | Not determined |
| Flashpoint: | >200 F (93.33 C) |
| Explosive Properties: | None Expected |
| Vapor Pressure (mmHg@20 C): | 0.0503 |
| Specific Gravity @ 25 C: | 1.0510 |
| Refractive Index @ 25 C: | 1.5290 |

Section 10: Stability and Reactivity

| | |
|-----------------|---|
| Reactivity: | Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents. |
| Incompatibility | Avoid contact with strong acids, alkali or oxidizing agents. |
| Decomposition: | Carbon monoxide and unidentified organic compounds may be formed during combustion. |

Section 11: Toxicological Information

Based on the ingredients in this mixture and their concentrations in accordance with the provisions of 1910.1200 of title 29 of the U.S. Code of Federal Regulations:

Acute Oral Toxicity (Rat) Overall (Calculated Estimate) LD50: 1925.01 mg/Kg



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2 Harmful if swallowed
88-41-5 2-t-Butylcyclohexyl acetate (LD50 = 4600 mg/Kg)

Acute Dermal Toxicity (Rabbit) Overall (Calculated Estimate) LD50: 3602.25 mg/Kg
None

Acute Inhalation Toxicity (Rat) Overall (Calculated Estimate) LC50: 20.00 mg/Kg
None

Skin irritation

12 Causes moderate skin irritation.
88-41-5 2-t-Butylcyclohexyl acetate

Eye irritation

15 May cause eye irritation.
10094-34-5 a, a-Dimethylphenethyl butyrate
101-86-0 Hexyl cinnamal
10339-55-6 3,7-Dimethyl-1,6-nonadien-3-ol
105-95-3 Ethylene brassylate
1222-05-5 Hexamethylindanopyran
18479-58-8 Dihydromyrcenol

Sensitization & Allergic Reactions

31 May cause allergic skin reaction.
54464-57-2 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (OTNE)

Carcinogenicity or Tumorigenicity

None

Genotoxicity

None

Reproductive/Developmental

None

Target Organ Effects

28 Prolonged or repeated Dermal Exposure may cause damage to: kidneys, skin
120-51-4 Benzyl Benzoate

Section 12: Ecological Information

Avoid contamination of soil, ground and surface water. While no specific environmental toxicity or related data is available, fragrance compositions are not expected to accumulate in the environment and environmental problems are not expected under normal conditions of use.

Section 13: Disposal Conditions

Dispose of according to local regulations. Avoid disposing into drainage systems and into the environment.

Section 14: Transport Information

| Regulator | Class | Pack Group | Sub Risk | UN-nr. |
|--|-------------------------------------|------------|----------|--------|
| U.S. DOT (Non-Bulk) Chemicals NOI | Not Regulated - Not Dangerous Goods | | | |
| ADR/RID (International Road/Rail) Environmentally Hazardous Substance Liquid, n.o.s. | 9 | III | | UN3082 |
| IATA (Air Cargo) Environmentally Hazardous Substance, Liquid, n.o.s. | 9 | III | | UN3082 |
| IMDG (Sea) Environmentally Hazardous Substance, Liquid, n.o.s. | 9 | III | | UN3082 |

Ingredient of greatest environmental impact: 120-51-4 Benzyl Benzoate

Section 15: Regulatory Information

The components of this fragrance product are in compliance, either listed or exempt, with the U.S. EPA Toxic Substances Control Act (TSCA) Inventory of Chemical Substances: Yes

99.55% of the components of this fragrance product are found on the Canadian DSL.

The following ingredient(s) are NOT found on the DSL, status as noted:

| <u>Status</u> | <u>Chemical Class</u> | <u>CAS#</u> | <u>Concentration (% by wt)</u> |
|---------------|---|-------------|--------------------------------|
| NDSL | Isopropylphenylbutanal | 125109-85-5 | 0.1 - 1.0 % |
| NDSL | Cyclohexadec-8-en-1-one mixture of cis and trans isomer | 3100-36-5 | 0.1 - 1.0 % |

United States Code of Federal Regulations 40 CFR (EPCRA, SARA, CERCLA and CAA)

This proprietary mixture contains the following chemicals subject to reporting requirements under the Emergency Planning and Community Right-to-Know Act (EPCRA), also known as Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and chemicals listed under section 112(r) of the Clean Air Act (CAA).

| <u>Chemical Class</u> | <u>CAS#</u> | <u>Concentration (% by wt)</u> |
|-----------------------|-------------|--------------------------------|
| NONE | | |

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)

This product contains the following chemical(s) known to the State of California to cause cancer, birth defects or other reproductive harm (NFS = In accordance with Title 22, California Code of Regulations, Division 2, Part 2, Subdivision 1, Chapter 3, subsection (b) of Section 12501, this material is exempt from reporting as a naturally occurring chemical from a food source):

| <u>Chemical Class</u> | <u>CAS#</u> | <u>Concentration (% by wt)</u> |
|-----------------------|-------------|--------------------------------|
| NONE | | |

Section 16: Other Information

The information in this publication is believed to be accurate and is given in good faith, but no representation of warranty as to its completeness or accuracy is made. Suggestions for uses or applications are only opinions. Users are responsible for determining the suitability of these products for their own particular purpose. No representing of warranty, expressed or implied, is made with respect to information or products including, without limitation, warranties or merchantability, fitness for a particular purpose, non-fringement of any third party patent or other intellectual property rights including, without limit, copyright, trademark and design.