

## 1. Product and Company Identification

**Product Name:** Cranberry

**Company Name:** FRSH Scents Limited  
3029 SW 42nd Avenue, Palm City, Florida 34990

**Website address:** frshscents.com

**Emergency Contact:** Chem-Tel, Inc.  
North America: 1-800-255-3924  
Worldwide International: +1-813-248-0585

## 2. Hazards Identification

**Specific Target Organ Toxicity (single exposure), Category 3**

**Skin Sensitization, Category 1**

**Acute Toxicity: Oral, Category 4**



**GHS Signal Word:** **Warning**

**GHS Hazard Phrases:** H302 - Harmful if swallowed.  
H317 - May cause an allergic skin reaction.

**GHS Precautionary Phrases:** P264 - Wash hands thoroughly after handling.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

**GHS Response Phrases:** 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.  
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.  
P330 - Rinse mouth.  
P333+313 - If skin irritation or rash occurs, seek medical advice/attention.  
P362+364 - Take off contaminated clothing and wash it before reuse.  
P391 - Collect spillage.

**GHS Storage and Disposal Phrases:** No phrases apply.

**Other Hazards:** Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

**Potential Health Effects (Acute and Chronic):** Hazards not otherwise classified (HNOC) or not covered by GHS -none. Hazards not otherwise classified (HNOC) or not covered by GHS.

**Inhalation:** The toxicological properties of this substance have not been fully investigated.

**Skin Contact:** May cause skin irritation.

**Eye Contact:** Causes eye irritation. May cause chemical conjunctivitis and corneal damage.

**Ingestion:** The toxicological properties of this substance have not been fully investigated. Ingestion of large amounts may cause central nervous system depression. Harmful if swallowed.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
104-67-6	2(3H)-Furanone, 5-Heptyldihydro-	3.0 -10.0 %	
77-83-8	Oxiranecarboxylic acid, 3-Methyl-3-phenyl-, ethyl ester	3.0 -10.0 %	
93-92-5	.alpha.-Methylbenzyl acetate	3.0 -10.0 %	
106-24-1	2,6-Octadien-1-ol, 3,7-Dimethyl-, (e)-	3.0 -10.0 %	
142-92-7	Hexyl acetate	3.0 -10.0 %	
78-70-6	(+)-Linalool	3.0 -10.0 %	
88-41-5	Cyclohexanol, 2-(1,1-dimethylethyl)-, acetate	3.0 -10.0 %	
140-11-4	Benzyl acetate	1.0 -5.0 %	
105-54-4	Ethyl butyrate	1.0 -5.0 %	
7452-79-1	Ethyl 2 - methylbutyrate	1.0 -5.0 %	
60-12-8	Phenethyl alcohol	1.0 -5.0 %	
5471-51-2	Raspberryketone, 4-(p-Hydroxyphenyl)-butanone,4-(p-Hydroxyphenyl)-butan-2-one	1.0 -5.0 %	
4230-97-1	Allyl octanoate *	< 1.0 %	
5392-40-5	Citral	< 1.0 %	
5989-27-5	(R)-1-Methyl-4-(1-methylethenyl)-cyclohexene	< 1.0 %	
68039-49-6	2,4 - Dimethylcyclohex - 3 - ene - 1 - carbaldehyde	< 1.0 %	

### 4. First Aid Measures

<b>Emergency and First Aid Procedures:</b>	Consult a physician. Show this safety data sheet to the doctor in attendance.
<b>In Case of Inhalation:</b>	Not available.
<b>In Case of Skin Contact:</b>	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Remove contaminated clothing and shoes.
<b>In Case of Eye Contact:</b>	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
<b>In Case of Ingestion:</b>	Never give anything by mouth to an unconscious person. Consult a physician.
<b>Signs and Symptoms Of Exposure:</b>	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
<b>Indication of any immediate medical attention and special treatment needed:</b>	No data available.
<b>Note to Physician:</b>	Treat symptomatically and supportively.

## 5. Fire Fighting Measures

<b>Flash Pt:</b>	No data.
<b>Explosive Limits:</b>	LEL: No data. UEL: No data.
<b>Autoignition Pt:</b>	No data.
<b>Suitable Extinguishing Media:</b>	For small (incipient) fires, use media such as "alcohol" foam, dry chemica as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Suitable: For large fires, apply water from as far as possible. For large fires, use water spray, fog, or alcohol-resistant foam. Water may be ineffective. Do NOT use straight streams of water.
<b>Unsuitable Extinguishing Media:</b>	No data available.
<b>Fire Fighting Instructions:</b>	During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Will burn if involved in a fire. Vapors may be heavier than air. They can spread along the ground and collect in low or confined areas. Runoff from fire control or dilution water may cause pollution. Specific Hazard(s): Emits toxic fumes under fire conditions. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Use water spray to keep fire-exposed containers cool. Water may be ineffective. Material is lighter than water and a fire may be spread by the use of water. Containers may explode in the heat of a fire. Flammable liquid and vapor.
<b>Flammable Properties and Hazards:</b>	Carbon oxides.
<b>Hazardous Combustion Products:</b>	Hazardous decomposition products formed under fire conditions. Carbon oxides.

## 6. Accidental Release Measures

<b>Protective Precautions, Protective Equipment and Emergency Procedures:</b>	Remove all sources of ignition. For personal protection see section 8. Evacuate personnel to safe areas.
<b>Environmental Precautions:</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>	Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Avoid runoff into storm sewers and ditches which lead to waterways. Methods for cleaning up. Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

## 7. Handling and Storage

<b>Precautions To Be Taken in Handling:</b>	Keep away from sources of ignition - No smoking. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Keep container tightly closed.
<b>Precautions To Be Taken in Storing:</b>	Keep away from sources of ignition.
<b>Other Precautions:</b>	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
104-67-6	2(3H)-Furanone, 5-Heptyldihydro-	No data.	No data.	No data.
77-83-8	Oxiranecarboxylic acid,	No data.	No data.	No data.

	3-Methyl-3-phenyl-, ethyl ester			
93-92-5	.alpha.-Methylbenzyl acetate	No data.	No data.	No data.
106-24-1	2,6-Octadien-1-ol, 3,7-Dimethyl-, (e)-	No data.	No data.	No data.
142-92-7	Hexyl acetate	No data.	No data.	No data.
78-70-6	(+)-Linalool	No data.	No data.	No data.
88-41-5	Cyclohexanol, 2-(1,1-dimethylethyl)-, acetate	No data.	No data.	No data.
140-11-4	Benzyl acetate	No data.	TLV: 10 ppm	No data.
105-54-4	Ethyl butyrate	No data.	No data.	No data.
7452-79-1	Ethyl 2 - methylbutyrate	No data.	No data.	No data.
60-12-8	Phenethyl alcohol	No data.	No data.	No data.
5471-51-2	Raspberryketone, 4-(p-Hydroxyphenyl)-butanone,4-(p-Hydroxyphenyl)-butan-2-one	No data.	No data.	No data.
4230-97-1	Allyl octanoate *	No data.	No data.	No data.
5392-40-5	Citral	No data.	No data.	No data.
5989-27-5	(R)-1-Methyl-4-(1-methylethenyl)-cyclohexene	No data.	No data.	No data.
68039-49-6	2,4 - Dimethylcyclohex - 3 - ene - 1 - carbaldehyde	No data.	No data.	No data.

**Recommended Exposure Limits:** No data available.

**Personal Protective**

**Equipment Symbols:**

**Respiratory Equipment (Specify Type):** Respiratory protection is not required.

**Eye Protection:** Chemical safety goggles.

**Protective Gloves:** Handle with gloves.

**Other Protective Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Engineering Controls (Ventilation etc.):** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Work/Hygienic/Maintenance Practices:** Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

**Environmental Exposure Controls:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

## 9. Physical and Chemical Properties

<b>Physical States:</b>	[ ] Gas [ ] Liquid [ ] Solid	
<b>Appearance and Odor:</b>	Liquid on inert carrier material.	
<b>pH:</b>	No data.	
<b>Melting Point:</b>	No data.	
<b>Boiling Point:</b>	No data.	
<b>Flash Pt:</b>	No data.	
<b>Evaporation Rate:</b>	No data.	
<b>Flammability (solid, gas):</b>	No data available.	
<b>Explosive Limits:</b>	LEL: No data.	UEL: No data.
<b>Vapor Pressure (vs. Air or mm Hg):</b>	No data.	
<b>Vapor Density (vs. Air = 1):</b>	No data.	
<b>Specific Gravity (Water = 1):</b>	No data.	
<b>Density:</b>	~ 1.0437 G/ML	
<b>Solubility in Water:</b>	No data.	
<b>Octanol/Water Partition Coefficient:</b>	No data.	
<b>Autoignition Pt:</b>	No data.	
<b>Decomposition Temperature:</b>	No data.	
<b>Viscosity:</b>	No data.	

## 10. Stability and Reactivity

<b>Reactivity:</b>	No data available.	
<b>Stability:</b>	Unstable [ ] Stable [ X ]	
<b>Conditions To Avoid - Instability:</b>	Conditions to Avoid: Heat, flames and sparks.	
<b>Incompatibility - Materials To Avoid:</b>	acids, Bases, Reducing agents, Strong oxidizing agents, Acid chlorides, Acid anhydrides.	
<b>Hazardous Decomposition or Byproducts:</b>	Carbon monoxide, irritating and toxic fumes and gases, Hazardous decomposition products formed under fire conditions. -Carbon oxides. Carbon dioxide, formed under fire conditions.	
<b>Possibility of Hazardous Reactions:</b>	Will occur [ ] Will not occur [ X ]	
<b>Conditions To Avoid - Hazardous Reactions:</b>	No data available.	

## 11. Toxicological Information

<b>Toxicological Information:</b>	No data available
<b>Irritation or Corrosion:</b>	No data available.
<b>Symptoms related to Toxicological Characteristics:</b>	No data available
<b>Sensitization:</b>	No data available
<b>Chronic Toxicological Effects:</b>	No data available.
<b>Carcinogenicity/Other Information:</b>	ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. IARC: 3 -Group 3: Not classifiable as to its carcinogenicity to humans.
<b>Carcinogenicity:</b>	NTP? No      IARC Monographs? No      OSHA Regulated? No

## 12. Ecological Information

<b>General Ecological Information:</b>	No data available.
<b>Results of PBT and vPvB assessment:</b>	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
<b>Persistence and Degradability:</b>	No data available.
<b>Bioaccumulative Potential:</b>	No data available.
<b>Mobility in Soil:</b>	No data available.
<b>Other adverse effects:</b>	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

## 13. Disposal Considerations

**Waste Disposal Method:** Observe all federal, state, and local environmental regulations.

## 14. Transport Information

### LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:**

**DOT Hazard Class:**

**UN/NA Number:**

**Packing Group:**

III

## 15. Regulatory Information

### EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
104-67-6	2(3H)-Furanone, 5-Heptyldihydro-	No	No	No
77-83-8	Oxiranecarboxylic acid, 3-Methyl-3-phenyl-, ethyl ester	No	No	No
93-92-5	.alpha.-Methylbenzyl acetate	No	No	No
106-24-1	2,6-Octadien-1-ol, 3,7-Dimethyl-, (e)-	No	No	No
142-92-7	Hexyl acetate	No	No	No
78-70-6	(+)-Linalool	No	No	No
88-41-5	Cyclohexanol, 2-(1,1-dimethylethyl)-, acetate	No	No	No
140-11-4	Benzyl acetate	No	No	No

105-54-4	Ethyl butyrate	No	No	No
7452-79-1	Ethyl 2 - methylbutyrate	No	No	No
60-12-8	Phenethyl alcohol	No	No	No
5471-51-2	Raspberryketone, 4-(p-Hydroxyphenyl)-butanone,4-(p-Hydroxyphenyl)-butan-2-one	No	No	No
4230-97-1	Allyl octanoate *	No	No	No
5392-40-5	Citral	No	No	No
5989-27-5	(R)-1-Methyl-4-(1-methylethenyl)-cyclohexene	No	No	No
68039-49-6	2,4 - Dimethylcyclohex - 3 - ene - 1 - carbaldehyde	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
104-67-6	2(3H)-Furanone, 5-Heptyldihydro-	CA PROP.65: No
77-83-8	Oxiranecarboxylic acid, 3-Methyl-3-phenyl-, ethyl ester	CA PROP.65: No
93-92-5	.alpha.-Methylbenzyl acetate	CA PROP.65: No
106-24-1	2,6-Octadien-1-ol, 3,7-Dimethyl-, (e)-	CA PROP.65: No
142-92-7	Hexyl acetate	CA PROP.65: No
78-70-6	(+)-Linalool	CA PROP.65: No
88-41-5	Cyclohexanol, 2-(1,1-dimethylethyl)-, acetate	CA PROP.65: No
140-11-4	Benzyl acetate	CA PROP.65: No
105-54-4	Ethyl butyrate	CA PROP.65: No
7452-79-1	Ethyl 2 - methylbutyrate	CA PROP.65: No
60-12-8	Phenethyl alcohol	CA PROP.65: No
5471-51-2	Raspberryketone, 4-(p-Hydroxyphenyl)-butanone,4-(p-Hydroxyphenyl)-butan-2-one	CA PROP.65: No
4230-97-1	Allyl octanoate *	CA PROP.65: No
5392-40-5	Citral	CA PROP.65: No
5989-27-5	(R)-1-Methyl-4-(1-methylethenyl)-cyclohexene	CA PROP.65: No
68039-49-6	2,4 - Dimethylcyclohex - 3 - ene - 1 - carbaldehyde	CA PROP.65: No

## 16. Other Information

**Revision Date:** 02/10/2021

**Additional Information About This Product:** No data available.

**This Product:**

**Company Policy or**

**Disclaimer:**

The information in this SDS was obtained from current and reliable sources. However the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, damage or expense resulting from improper use of this product.