



rainshadowlabs

## Safety Data Sheet

Section 1: Chemical Product and Company Identification		
Product Name: 127 Cranberry Fragrance	Product Use: Personal Care Formulations	
Company Name: RainShadow Labs	Company Address: 300 Port Ave, St. Helens, OR 97051, USA	
Non-Emergency Telephone Number: (503) 366-3413	Emergency Telephone Number: Chemtrec - (800) 262-8200	
Section 2: Hazards Identification		
<p>Serious Eye Damage/Eye Irritation Category 2A; Hazardous to the aquatic environment - Acute Category 2; Hazardous to the aquatic environment - Chronic Category 3; Flammable Liquid Category 4 Combustible Liquid; May cause an allergic skin reaction.; Causes serious eye irritation.; Toxic to aquatic life.; Harmful to aquatic life with long lasting effects.</p> <p>Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse. In case of fire: Use extinguishing media listed in Section 5 of the SDS to extinguish.</p> <p>Store in a well-ventilated place. Keep cool.</p> <p>Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.</p>		
Section 3: Composition/Ingredient Information		
Chemical Name	CAS #	%
Cyclohexanol, 2-(1,1-dimethylethyl)-, 1-acetate	88-41-5	10 - 30
Acetic acid, phenylmethyl ester	140-11-4	3 - 7
Benzenemethanol, ar-methoxy-, 1-acetate	1331-83-5	1 - 5
2-Butanone, 4-(4-hydroxyphenyl)-	5471-51-2	1 - 5
1,6-Octadien-3-ol, 3,7-dimethyl-	78-70-6	1 - 5
2,6-Octadien-1-ol, 3,7-dimethyl-, (2E)-	106-24-1	1 - 5
2H-1-Benzopyran-2-one	91-64-5	1 - 5
Hexanoic acid, 2-propen-1-yl ester	123-68-2	1 - 5
Benzenemethanol, .alpha.-methyl-, 1-acetate	93-92-5	1 - 5
Butanoic acid, ethyl ester	105-54-4	1 - 5
Ethyl methylphenylglycidate	77-83-8	1 - 5
Propanedioic acid, 1,3-diethyl ester	105-53-3	0.5 - 1.5
Butanoic acid, 3-methylbutyl ester	106-27-4	0.5 - 1.5
1,3-Benzodioxole-5-carboxaldehyde	120-57-0	0.1 - 1
2-Buten-1-one, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-	57378-68-4	0.1 - 1
2-Buten-1-one, 1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-	23696-85-7	0.1 - 1

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<b>Section 4: First Aid Measures</b>	
<b>Inhalation:</b>	This material does not present a hazard if inhaled. Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure.
<b>Eyes:</b>	Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.
<b>Skin Contact:</b>	Wash with soap and water. Get medical attention if irritation develops or persists.
<b>Ingestion:</b>	No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.
<b>Most important symptoms and effects - acute</b>	No Data Available
<b>Most important symptoms and effects - chronic</b>	No Data Available
<b>Notes to Doctor:</b>	No additional first aid information available
<b>Section 5: Fire and Explosion Data</b>	
<b><u>Flammability Summary:</u></b>	<b>Combustible</b>
<b>Extinguishing Media:</b>	Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water may be ineffective but water spray can be used to extinguish a fire if swept across the base of the flames. Water can absorb heat and keep exposed material from being damaged by fire.
<b>Extinguishing Media advised against:</b>	No Data Available
<b>Fire and/or Explosion Hazards:</b>	Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back.
<b>Fire Fighting Methods and Protection:</b>	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products.
<b>Hazardous Combustion Products:</b>	Carbon Oxides
<b>Section 6: Accidental Release Measures</b>	
<b>Personal Precautions and Equipment:</b>	No health effects expected from the clean-up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section VIII of this MSDS
<b>Methods for Clean-up:</b>	No special spill clean-up considerations. Collect and discard in regular trash.
<b>Section 7: Handling and Storage</b>	
<b>Handling Technical Measures and Precautions:</b>	Mildly irritating material. Avoid unnecessary exposure. Use spark-proof tools and explosion-proof equipment
<b>Storage Technical Measures and Conditions:</b>	Store in a cool dry place. Isolate from incompatible materials. Keep away from sources of ignition
<b>Materials to Avoid/Chemical Incompatibility:</b>	Strong oxidizing agents Acids Bases Oxidising agents Reducing agents Acid chlorides Acid anhydrides Strong acids Strong bases

**Section 8: Exposure Controls/Personal Protection**

**Engineering Measures:** No exposure limits exist for the constituents of this product. No engineering controls are likely to be required to maintain operator comfort under normal conditions of use.

**Respiratory Protection:** No respiratory protection required under normal conditions of use.

**Skin Protection:** Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

**Gloves:** No information available

**Handling Instructions:** Use spark-proof tools and explosion-proof equipment

**Control Parameters:**

Chemical Name	ACGIH TLV-TWA	ACGIH STEL	OSHA PEL
No Data Available			

**Section 9: Physical and Chemical Properties**

**Physical State:** Liquid

**Color:** Clear

**Odor:** Comparable to Standard

**Odor Threshold:** ND

**pH:** Not Available

**Initial Boiling Point:** 358 ° F

**Flash Point:** 145 ° F

**Evaporation Rate:** Not Available

**Flammability (Solid, Gas):** No Data Available

**Upper Flammable/Explosive Limit:** 9.5 %(V)

**Lower Flammable/Explosive Limit:** Not Available

**Vapor Density:** > 1

**Relative Density (Specific Gravity):** 0.9666

**Solubility in Water:** Soluble in water- No

**Octanol/Water Partition Coefficient:** 0.25 3.1 2.5 at 25 °C (77 °F) 3.2 0.415

**Auto-ignition Temperature:** 463 ° C

**Volatiles, % by weight:** 31.4

**Bulk Density:** 8.07

**Section 10: Stability and Reactivity Data**

**Reactivity:** No Data Available

**Chemical Stability:** Stable under normal conditions.

**Possibility of Hazardous Reactions:** No Data Available

**Conditions to Avoid:** Temperatures above flash point in combination with sparks, open flames, or other sources of ignition. Heat flame sparks  
Extremes of temperature direct sunlight Light Avoid moisture

**Materials to Avoid/Chemical Incompatibility:** Strong oxidizing agents Acids Bases Oxidising agents  
Reducing agents Acid chlorides Acid anhydrides Strong acids  
Strong bases

**Hazardous Decomposition Products:** Carbon Oxides

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### Section 11: Toxicological Information

Most Important Symptoms: No Data Available  
Chemical Interactions That Change Toxicity: None Known  
Immediate (Acute) Health Effects by Route of Exposure:  
Skin Contact: Can cause minor skin irritation.  
Eye Contact: Mild eye irritant.  
Long-Term (Chronic) Health Effects:  
Carcinogenicity: None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, or OSHA.  
Reproductive toxicity: No data available to indicate product or any components present at greater than 0.1% may cause birth defects.  
Germ cell mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.  
Skin Contact: Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.  
Component Toxicology Data:  
Chemical Name CAS Number LD50/LC50  
No data available  
Has the chemical been classified as a Carcinogen by NTP, IARC or OSHA.  
Chemical Name OSHA Carcinogen IARC Carcinogen NTP Carcinogen  
No Data Available

### Section 12: Ecological Information

**Overview:** This material is not expected to be harmful to the ecology.  
**Mobility in Soil:** No Data Available  
**Persistence:** No Data Available  
**Bioaccumulation:** No Data Available  
**Other adverse effects** No Data Available

#### Ecotoxicity Data

Chemical Name	CAS Number	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No Data Available				

### Section 13: Disposal Considerations

**Waste Description for Spent Product:** Spent or discarded material may be a hazardous waste.  
**Waste Description for Empty Packaging:** No Data Available  
**Disposal Methods:** DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the sole responsibility of the waste generator. As your supplier, we have no control over the management practices or manufacturing processes of parties handling or using this material. The information presented here pertains only to the product when used as intended, according to this MSDS. For unused and uncontaminated product, the preferred options include sending to a licensed and permitted incinerator or other thermal destruction device. Various federal, state or provincial agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be covered in this MSDS. The user shall have to review these regulations to ensure full compliance with all applicable regulations.

### Section 14: Transport Information

**US DOT Ground Shipping Description:** Not Restricted  
**IATA Shipping Description:** Not Restricted  
**IMDG Shipping Description:** Not Restricted

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**Section 15: Other Regulatory Information**

<b>TSCA Status</b>	All components in this product are on the TSCA Inventory.
<b>California Prop 65</b>	Does not contain any chemicals listed on California Proposition 65.

<b>Chemical Name</b>	<b>CAS #</b>	<b>Regulation</b>	<b>% Range</b>
N590 Polycyclic aromatic compounds (PACs)	91-64-5	SARA 313	1 - 5

**Section 16: Other Information**

Important: While the descriptions, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you perform an assessment to determine the suitability of the product for your particular purpose prior to use. Nothing herein should be interpreted as a recommendation to infringe existing patents or violate any laws or regulations. No warranties of any kind, either expressed or implied, including fitness for a particular purpose are made regarding the product described. We assume NO responsibility for any injuries resulting from misuse or misapplication of this product or that might be sustained because of inhalation, ingestion, absorption or other contact with this product. In no case shall the descriptions, information, or data provided be considered a part of our terms and conditions of sale. Further, the descriptions, data and information furnished hereunder are given gratis. No obligation or liability for the description, data and information given are assumed. All such being given and accepted at your risk.

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