

**MATERIAL SAFETY DATA SHEET**  
**CAPELLA FLAVORS, INC.**  
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### **I. PRODUCT IDENTIFICATION**

Label Name: **Natural FL Cranberry Type CA 1347F**  
Trade or Product Name: same  
FEMA No: N/A  
CAS No: N / A

### **II. FIRE, EXPLOSION AND REACTIVITY DATA**

Flash Point: 80 deg. F  
Extinguishing Media: foam, dry chemical, carbon dioxide  
DOT Hazard Classification: Flammable Liquid 3, Extracts, Flavorings Liquid UN1197, Packing Group III  
Special Fire Fighting Procedures: Self-contained breathing apparatus is recommended.  
Unusual Fire and Explosion Hazards: none known  
Hazardous, Combustible or Decomposition Products: None. However, as with any other organic Material, combustion will produce carbon dioxide and possible carbon monoxide  
Stability: Stable under normal conditions. Avoid heat and flame.  
Conditions to avoid: contact with excessive heat, light and ignition sources.  
Materials to avoid: strong oxidizers  
Hazardous Polymerization Products: will not occur

### **III. PHYSICAL DATA**

Appearance and Aroma: Clear water white liquid with cranberry aroma  
Boiling point: N/A F  
Melting Point: N/A  
Specific Gravity: 0.9940 @ 25 degrees C.  
Vapor Pressure: N/A  
Vapor Density: N/A  
Solubility in Water: Soluble  
Refractive Index: N/A

### **IV. PROTECTION INFORMATION**

Respiratory: not usually required  
Ventilation: local mechanical preferred  
Eye: coverall goggles  
Skin: chemical resistant gloves  
Other protective devices and procedures: safety shower, eye bath  
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## **V. OCCUPATIONAL EXPOSURE LIMIT**

Threshold Limit Value (TLV): not established

OSHA Permissible Exposure Limit (PEL): not established

Has the substance been listed as a carcinogen or potential carcinogen in the "Annual Report on Carcinogens" published by NIP, by the international Agency for Research on Cancer, or by OSHA?

\_\_\_\_\_ YES X NO

## **VI. HEALTH HAZARD DETERMINATION**

May cause irritation to both eyes and skin. May cause severe irritation if swallowed.

## **VII. EMERGENCY AND FIRST AID PROCEDURES**

Ingestion: Drink plenty of water or milk and call a physician immediately.

Inhalation Exposure: Remove victim to fresh air. Consult physician if necessary.

Eye Contact: Flush with copious amounts of water for 15 minutes. Consult physician if necessary.

Skin Contact: Wash thoroughly with soap and water. Launder contaminated clothing before reuse.

Other: none known

## **VIII. SPILL, LEAK AND DISPOSAL PROCEDURES**

Precautions if material is spilled or released: Eliminate ignition sources and ventilate area. Spills can be absorbed with standard non flammable material and collected in containers for disposal.

Waste disposal methods: Incineration and/ or landfill all material in accordance with current local, state and federal laws.

## **IX. HANDLING AND STORAGE PROCEDURES**

Store in tightly sealed containers protected from excessive heat, open flames and direct light. Refer to product specification for specific storage requirements for optimal shelf life.

## **X. CHEMICAL AND COMMON NAMES**

Date of Preparation: 8/25/11

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Emergency Contact: Chemtrec 800-424-9300