

## Safety Data Sheet Cranberry Seeds

October 5, 2015

### Section 1: Chemical Product and Company Identification

<b>Product name:</b>	Cranberry Seeds
<b>Contact Info:</b>	Bramble Berry Inc. 2138 Humboldt Street Bellingham, WA 98225 info@brambleberry.com www.brambleberry.com 1-877-627-7883
<b>Emergency Phone Number:</b>	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:

##### 2.1.1 Under EC Regulation 1272/2008 as amended ("CLP")

Non-hazardous

##### 2.1.2 Under EC Directive 67/548/EEC as amended ("DPD")

Non hazardous

#### 2.2 LABEL ELEMENTS:

##### 2.2.1 Under EC Regulation 1272/2008 as amended ("CLP")

**Signal Word:** none

**Pictograms:** none

**Hazard Statements:** none

**Precaution Statements:** none

##### 2.2.2 Under EC Directive 67/548/EEC as amended ("DPD")

**Hazard Symbols**

none

**Risk Phrases**

none

**Safety Phrases**

None

#### 2.3 Other Hazards – no data available

## Section 3: Composition/Information on Ingredients

**CAS Nr:** 91770-88-6

**EINECS Nr:** 294-875-8

**Substance:** Vaccinium Macrocarpon (Cranberry) Seed

**Percentage:**100%

**Substances classified R43 between 0.1 and 0.99%:** n/a

## Section 4: First Aid Measures

### 4.1 Description of first aid measures

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Immediately wash with soap and water and rinse thoroughly. Remove soiled clothing. Then consult a doctor.

**After eye contact:** Immediately rinse opened eye for several minutes under running water. Then consult a doctor.

**After swallowing:** Make victim drink plenty of water; avoid vomiting (risk of perforation!). Immediately call a doctor. Do not attempt to neutralize.

### 4.2 Most important symptoms and effects, both acute and delayed

No information available

### 4.3 Indications of immediate medical attention and special treatment needed

None known

## Section 5: Fire-Fighting Measures

### 5.1 Extinguishing media

Suitable extinguishing agents: CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire-extinguishing methods suitable to surrounding conditions.

### 5.2 Special hazards caused by the substance, its products of combustion or resulting gases:

In case of fire, the following can be released: Hazardous vapors, Carbon Dioxide, Carbon Monoxide

**Protective equipment:** Wear full protective suit and self-contained respiratory protective device.

**Additional information:** n/a

### 5.2 Advice for fire-fighters

No specific advice



## Section 6: Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

**Person-related safety precautions:** Isolate spillage and clean up immediately. Refer to Sections 7 & 8 for protective measures when handling the spillage.

### 6.2 Environmental precautions

#### **Measures for environmental protection:**

Do not allow liquid to enter sewers/surface or ground water.

### 6.3 Methods and material for containment and cleaning up

**Measures for cleaning/collecting:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of contaminated material as waste according to Section 13. Rinse off area with water.

## Section 7: Handling and Storage

### 7.1 Precautions for safe handling

#### **Information for safe handling:**

Observe the general safety regulations when handling chemicals.

Avoid contact with the eyes, skin and mucous membranes.

Avoid inhalation.

**Requirements to be met by storerooms and receptacles:** No special requirements.

#### 7.1.1 Protective measures

Strictly control dust accumulation. Maintain adequate local and general exhaust ventilation. Avoid sources of ignition.

#### 7.1.2 Advice on general occupational hygiene

Wash hands after contact. Do not breath dusts. Avoid contact with liquids and powders.

### 7.2 Conditions for safe storage

Store in original container at or below 25°C.

### 7.3 Specific end uses

Not available

## Section 8: Exposure Controls/Personal Protection

### 8.1 Control Parameters

Ingredients with limit values that require monitoring in the workplace: None

### 8.2 Exposure controls

Avoid exposure to high temperature during processing

Maintain adequate local and general ventilation where product is handled.

#### 8.2.1 Appropriate engineering controls

Ventilation meeting ACGIH criteria



**Additional information:** N/A

**8.3 Personal protective equipment:** gloves, safety glasses

**General protective and hygienic measures:**

Follow Good Laboratory and Manufacturing Practices (GLP/GMP).

Wash hands before breaks and at the end of work.

**Protection of hands:** Disposable gloves. Material of gloves: Latex/Natural rubber (NR)

Penetration time of glove material

Gloves providing minimal protection are sufficient when the product is handled in accordance with the instructions for use.

**Eye protection:** Safety glasses

**Body protection:** Lab coat

**Respiratory protection:** NIOSH-approved organic vapor respiration or equivalent.

## Section 9: Physical and Chemical Properties

### General Information

**Form:** Seed

**Color:** Deep Red

**Odor:** To match standard

### Change in condition

**Melting point/Melting range:** n/a

**Boiling point/Boiling range:** not determined

**Flash point:** not determined

**Self-igniting:** will not self-ignite.

**Danger of explosion:** does not present an explosion hazard.

**Vapor pressure:** N/d @ 20°C (estimated)

**Density at 20°C:** n/d g/cc @ 20°C

**Refractive Index @ 25°C :** n/a

**Solubility in/Miscibility with water:** insoluble

**pH-value at 20°C:** n/a

## Section 10: Stability and Reactivity

### 10.1 Reactivity

**Stability:** stable when stored in accordance with the recommended storage conditions.

### 10.2 Chemical stability

Stable at ambient temperatures

### 10.3 Possibility of hazardous reactions

Not known

### 10.4 Conditions to avoid

Do not heat closed containers



### **10.5 Incompatible materials**

**Materials to be avoided:**

oxidizers

strong acids or bases

**Hazardous reactions:** No dangerous reactions known.

**10.6 Hazardous decomposition products:** CO<sub>2</sub>, CO

## **Section 11: Toxicological Information**

No additional information

## **Section 12: Ecological Information**

**Ecotoxic effects:** not tested

**Aquatic toxicity:** not tested

## **Section 13: Disposal Conditions**

**Product:**

Chemical residues and remains should be routinely handled as special waste. This must be disposed of in compliance with anti-pollution and other laws of the country concerned. To ensure compliance we recommend that you contact the relevant (local) authorities and/or an approved waste-disposal company for information.

**European waste catalogue:**

07 07 04 other organic solvents, washing liquids and mother liquors

**Packaging:**

Disposal must be made in accordance with local waste management regulations. Contaminated packaging must be disposed of in the same manner as the product. Non-contaminated packaging materials may be recycled. Contact your local service providers for further information.

## **Section 14: Transport Information**

**14.1 UNO** non-hazardous

**14.2 Land transport** non-hazardous

**14.3 Sea transport** non hazardous

**14.4 Air transport** non hazardous

## **Section 15: Regulatory Information**

**15.1 Labeling according to EU guidelines:** see Section 2

Code letter and hazard designation of product: see Section 2



## **15.2 Chemical Safety Assessment**

Not available

## **Section 16: Other Information**

### **16.1 Key literature references**

RIFM Database

OECD SIDS

EU IUCLID

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