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# Safety Data Sheet

## Moringa Seed Oil

May 19<sup>th</sup>, 2017

### Section 1: Chemical Product and Company Identification

**Product name:** Moringa Seed 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:** Non-hazardous

#### 2.2 Label Elements

**Signal Word:** none

**Pictograms:** None

**Hazard Statements:** None

**Precaution Statements:** None

**Hazard Symbols:** None

**Risk Phrases:** None

**Safety Phrases:** None

**2.3 Other Hazards** – no data available

### Section 3: Composition/Information on Ingredients

CAS #	EINECS #	Substance	Percentage
93165-54-9	296-941-1	Moringa Oleifera Seed Oil	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 breathe 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:** Liquid

**Color:** Yellow

**Odor:** To match standard

### Change in condition

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

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

**Flash point:** >200°F (closed cup)

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

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

**Vapor pressure:** <0.1 Pa @ 20°C (estimated)

**Density at 20°C:** n/d g/cc @ 20°C

**Refractive Index:** n/d @ 25°C

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

**pH-value at 20°C:** not applicable

## 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.

**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 DOT:** 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 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

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