

Safety Data Sheet

Bio-Mulsion Wax

April 2017

Section 1: Chemical Product and Company Identification

Product name: Bio-Mulsion Wax
Contact Info: Bramble Berry Inc.
2138 Humboldt Street
Bellingham, WA 98225
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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 or mixture

Regulation (EC) No 1272/2008

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

2.2. Label elements

Product identifier

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

2.3. Other hazards

No information available

Section 3: Composition/Information on Ingredients

Chemical Name	EC No.	CAS No.	Weight in %	Classification according to Regulation (EC) No. 1272/2009 [CLP]	REACH Registration No.
Cetearyl Olivatate, Sorbitan Olivatate	Listed		100	No Data Available	Compliant

Full text of H- and EUH- phrases; see section 16

Section 4: First Aid Measures

4.1. Description of first aid measures

Inhalation: Remove to fresh air. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. (Get medical attention immediately if symptoms occur).

Skin contact: Wash off immediately with soap and plenty of water.

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Ingestion: Clean mouth with water and drink afterwards plenty of water.

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

No information available.

Section 5: Fire-Fighting Measures

5.1. Extinguishing media

Suitable extinguishing media

Dry chemical, CO₂ or water spray.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire

5.2. Special hazards arising from the substance or mixture

No information available

5.3. Advice for firefighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protective equipment as required.

Section 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Ensure adequate ventilation, especially in confined areas.

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Do not allow into any sewer, on the ground or into any body of water. Local authorities should be advised if significant spillages cannot be contained.

6.3. Methods and material for containment and cleaning up

Methods for containment:

Steps to be Taken in Case Material is Released or Spilled: Dike and contain the spill with inert material (i.e.: sand, earth, sawdust) and transfer liquid and solid diking material to separate containers for recovery or disposal. Wash floor area with hot water solution. Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

Methods for cleaning up: After cleaning, flush away traces with water.

6.4. Reference to other sections

See section 8 for more information. See section 13 for more information.

Section 7: Handling and Storage

7.1. Precautions for safe handling

Advice on safe handling: Ensure adequate ventilation, especially in confined areas. Avoid breathing vapors or mists. When using do not eat, drink or smoke.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep container tightly closed in a dry and well-ventilated place. Keep away from heat. Protect from direct sunlight.

Incompatible materials: None.

7.3. Specific end use(s)

Risk Management Methods (RMM): The information required is contained in this Material Safety Data Sheet.

Section 8: Exposure Controls/Personal Protection

8.1. Control parameters

Exposure Limits: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL): No information available.

Predicted No Effect Concentration (PNEC): No information available.

8.2. Exposure controls

Engineering Controls: Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

- Eye/face protection Wear safety glasses with side shields (or goggles).
- Hand Protection Not applicable.
- Skin and body protection
- Suitable protective clothing.
- Environmental exposure controls
- No information available.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical state: Solid

Appearance: ivory-white flakes, waxy solid

Color: No information available

Odor: Slight odor characteristic of ethanol and vegetable oils

Odor threshold: No information available

Property	Values	Remarks * Method
pH	5.0 – 7.0	No information available
Melting point/freezing point	45 – 55°	No information available
Boiling point/ boiling range		No information available
Evaporation rate irrelevant		No information available
Flammability Limit in Air		No information available
Upper flammability limit:		No information available
Lower flammability limit:		No information available
Vapor pressure irrelevant		No information available
Relative density irrelevant		No information available
Relative density	1.0501.060 g/ml	No information available
Water solubility		No information available
Solubility (ies)		No information available
Partition coefficient		No information available
9.2 Other Information		
VOC Content (%)		No information available
Density		No information available
Bulk density		No information available
Volatility		No information available

Section 10: Stability and Reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal conditions.

Explosion data

Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge: None.

10.3. Possibility of hazardous reactions

Hazardous polymerization: None under normal processing.

Possibility of Hazardous Reactions: None under normal processing.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None.

10.6. Hazardous decomposition products

None under normal use conditions.

Section 11: Toxicological Information

11.1. Information on toxicological effects

Acute toxicity

Product Information: Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation: No data available.

Eye contact: No data available.

Skin contact: No data available.

Ingestion: No data available.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 7,462.00

ATEmix (dermal) 5,005.00

Unknown acute toxicity

Skin corrosion/irritation: No information available.

Serious eye damage/eye irritation: No information available.

Sensitization: No information available.

Germ cell mutagenicity: No information available.

Carcinogenicity: No information available.

Reproductive toxicity: No information available.

Section 12: Ecological Information

12.1. Toxicity

12.2. Persistence and degradability: No information available.

12.3. Bioaccumulative potential: No information available.

12.4. Mobility in soil: No information available.

12.5. Results of PBT and PvB assessment: No information available.

12.6. Other adverse effects: No information available

Section 13: Disposal Conditions

13.1 Waste treatment methods

Waste from residues/unused products: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging: Improper disposal or reuse of this container may be dangerous and illegal.

Section 14: Transport Information

IMDG

- 14.1 UN/ID No.:** Not regulated
- 14.2 Proper shipping name:** Not regulated
- 14.3 Hazard Class:** Not regulated
- 14.4 Packing Group:** Not regulated
- 14.5 Marine pollutant:** Not applicable
- 14.6 Special Provisions:** None
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** No information available

RID

- 14.1 UN/ID No.:** Not regulated
- 14.2 Proper shipping name:** Not regulated
- 14.3 Hazard Class:** Not regulated
- 14.4 Packing Group:** Not regulated
- 14.5 Environmental hazard:** Not applicable
- 14.6 Special Provisions:** None

ADR

- 14.1 UN/ID No.:** Not regulated
- 14.2 Proper shipping name:** Not regulated
- 14.3 Hazard Class:** Not regulated
- 14.4 Packing Group:** Not regulated
- 14.5 Environmental hazard:** Not applicable
- 14.6 Special Provisions:** None

IATA

- 14.1 UN/ID No.:** Not regulated
- 14.2 Proper shipping name:** Not regulated
- 14.3 Hazard Class:** Not regulated
- 14.4 Packing Group:** Not regulated
- 14.5 Environmental hazard:** Not applicable
- 14.6 Special Provisions:** None

Section 15: Regulatory Information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants: Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009: Not applicable

International Inventories

TSCA: Complies

DSL/NDL:

EINECS/ELINCS: Complies

ENCS:

IECSC:

KECL:

PICCS:

AICS:

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment: No information available

Section 16: Other Information

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