

## Sea Buckthorn Fruit Oil, USDA Certified Organic

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /  
March 26, 2012 / Rules and Regulation

Revision Date: 22-Jul-2026  
Supersedes: 30-Apr-2026

### 1 PRODUCT & COMPANY IDENTIFICATION

|                      |                                                 |                                    |                                                                      |
|----------------------|-------------------------------------------------|------------------------------------|----------------------------------------------------------------------|
| <b>Product Name:</b> | Sea Buckthorn Fruit Oil, USDA Certified Organic | <b>Distributor:</b>                | MakingCosmetics Inc.                                                 |
| <b>Synonyms:</b>     | No data available                               | <b>Address:</b>                    | 10800 231 <sup>st</sup> Way NE<br>Redmond, WA 98053 (USA)            |
| <b>INCI Name:</b>    | Hippophae Rhamnoides (Sea Buckthorn) Fruit Oil  | <b>Phone / Fax:</b>                | 425-292-9502 / 425-292-9601                                          |
| <b>CAS Number:</b>   | 225234-03-7                                     | <b>Web:</b>                        | <a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a> |
| <b>Formula:</b>      | No data available                               | <b>Emergency Telephone Number:</b> | 1-800-424-9300 (Chemtrec)                                            |
| <b>Product Form:</b> | Liquid                                          |                                    |                                                                      |
| <b>Product Use:</b>  | Cosmetic use                                    |                                    |                                                                      |

### 2 HAZARDS IDENTIFICATION

|                           |                                                                                                                                                   |     |     |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
| Classification:           | None                                                                                                                                              |     |     |
| Labeling:                 | None                                                                                                                                              |     |     |
| Hazard Pictograms:        | None                                                                                                                                              |     |     |
| Hazard Statements:        | None                                                                                                                                              |     |     |
| Precautionary Statements: | None                                                                                                                                              |     |     |
| Potential Health Hazards: | Eyes: May be an irritant.<br>Inhalation: May be an irritant.<br>Skin: May be an irritant.<br>Ingestion: May cause nausea, vomiting, and diarrhea. |     |     |
| NFPA Ratings (704):       | Health                                                                                                                                            | N/A | N/A |
|                           | Flammability                                                                                                                                      | N/A | N/A |
|                           | Reactivity                                                                                                                                        | N/A | N/A |
|                           | Specific Hazard                                                                                                                                   | N/A |     |

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Component</u>                               | <u>CAS No.</u> | <u>Weight %</u> | <u>Molecular Weight</u> |
|------------------------------------------------|----------------|-----------------|-------------------------|
| Hippophae Rhamnoides (Sea Buckthorn) Fruit Oil | 225234-03-7    | 100%            | Not Available           |

### 4 FIRST AID MEASURES

|                    |                                                                                                                                                                                   |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eyes:</b>       | Rinse immediately with tap water for 10 minutes, open eyelids forcibly.                                                                                                           |
| <b>Inhalation:</b> | Remove the casualty to fresh air and keep calm. Consult physician.                                                                                                                |
| <b>Skin:</b>       | Brush off and wash skin. If irritation persists, seek medical attention.                                                                                                          |
| <b>Ingestion:</b>  | Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Not expected to present a significant ingestion hazard under anticipated conditions of normal use. |

### 5 FIRE-FIGHTING MEASURES

|                                                                         |                                                                                                                                                                  |
|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable (and unsuitable) extinguishing media:</b>                   | May be combustible at high temperature. Use appropriate media (dry powder, foam, carbon dioxide) for adjacent fire. Do not use direct water jet.                 |
| <b>Special protective equipment &amp; precautions for firefighters:</b> | Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.                                              |
| <b>Specific hazards arising from the chemical:</b>                      | Consider dust explosion hazard. Formation of acrid smoke and respiratory irritant fumes when heated to decomposition. See also Stability and Reactivity section. |

## 6 ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment & emergency procedures: Environmental precautions:

Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.  
Avoid liquid release into sewers/public water. Nontoxic and biodegradable, but very slow biodegradation due to low water solubility. Dyeing effect. Notify environmental authorities in case of large leaks.  
Collect spill but minimize dust formation and hand over to waste control for removal. Dispose of in compliance with Federal, State and Local regulations. Contain/collect rapidly to minimize dispersion.

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

## 7 HANDLING & STORAGE

### Precautions for safe handling:

Processing in closed system, if possible superposed by inert gas. Local exhaust ventilation necessary. Take precautionary measures against electrostatic charging. Avoid dust formation. Consider dust an explosion hazard. Normal handling and storage consistent with good manufacturing practices should be used. See section 8 for recommendations on the use of personal protective equipment.

### Conditions for safe storage, incl. any incompatibilities:

Cool. Store under inert gas. Protected from light and humidity. Never store at temperatures below 0°C or above 30°C. After opening container, the contents should be used within a short period and closed airtight. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

| Component                                       | Exposure Limits     | Basis | Entity        |
|-------------------------------------------------|---------------------|-------|---------------|
| Sea Buckthorn Fruit Oil, USDA Certified Organic | 30mg/m <sup>3</sup> | MAK   | Not available |

TWA: Time Weighted Average over 8 hours of work.  
TLV: Threshold Limit Value over 8 hours of work.  
REL: Recommended Exposure Limit  
PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.  
IDLH: Immediately Dangerous to Life or Health  
WEEL: Workplace Environmental Exposure Levels  
MAK: Maximum Workplace Concentration

### Personal Protection:

**Eyes:** Wear safety glasses.  
**Inhalation:** Respiratory protection not necessary during normal operations. In case of very high dust concentrations wear a particle mask or respirator with independent air supply.  
**Body:** Causes slight skin discoloration upon contact. Wear protective gloves and light weight protective clothing.  
**Other:** Use good personal hygiene practices. Promptly remove soiled clothing wash thoroughly before reuse. Shower after work using plenty of soap and water. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

|                                                |                         |                                     |                                                                                       |
|------------------------------------------------|-------------------------|-------------------------------------|---------------------------------------------------------------------------------------|
| <b>Appearance:</b>                             | Oily liquid             | <b>Vapor Pressure:</b>              | No data available                                                                     |
| <b>Odor:</b>                                   | Characteristic          | <b>Vapor Density:</b>               | No data available                                                                     |
| <b>Odor Threshold:</b>                         | No data available       | <b>Evaporation Rate:</b>            | No data available                                                                     |
| <b>Color:</b>                                  | Orange to reddish brown | <b>Flammability:</b>                | Combustible liquid, same as vegetable oil                                             |
| <b>Molecular Weight:</b>                       | No data available       | <b>Upper/lower Explosive Limit:</b> | No data available                                                                     |
| <b>pH:</b>                                     | No data available       | <b>Flash Point:</b>                 | ≥212°F (≥100°C)                                                                       |
| <b>Boiling Point:</b>                          | No data available       | <b>Specific Gravity:</b>            | No data available                                                                     |
| <b>Melting Point:</b>                          | No data available       | <b>Solubility:</b>                  | Insoluble in water. Soluble in ethanol, miscible with ether, chloroform, oils, & fats |
| <b>Relative Density:</b>                       | No data available       | <b>Auto-Ignition Temperature:</b>   | No data available                                                                     |
| <b>Partition Coefficient: n-octanol/water:</b> | No data available       | <b>Decomposition Temperature:</b>   | No data available                                                                     |
| <b>Viscosity:</b>                              | No data available       | <b>Explosive Properties:</b>        | No data available                                                                     |
| <b>Oxidizing Properties:</b>                   | No data available       | <b>Freezing Point:</b>              | No data available                                                                     |

## 10 STABILITY AND REACTIVITY

|                                          |                                                                                                                           |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity:</b>                       | No data available.                                                                                                        |
| <b>Chemical Stability:</b>               | Stable under the conditions mentioned in section 7.                                                                       |
| <b>Hazardous Polymerization:</b>         | No data available.                                                                                                        |
| <b>Conditions to Avoid:</b>              | Air, warming, light, and humidity.                                                                                        |
| <b>Incompatible Materials:</b>           | Atmospheric oxygen, oxidizing agents, strong acids, strong bases, reducing agents, metal salts, compounds rich in oxygen. |
| <b>Hazardous Decomposition Products:</b> | No data available.                                                                                                        |

## 11 TOXICOLOGICAL INFORMATION

|                                          |                                                                                                                          |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Acute Toxicity:</b>                   | (Mouse) Fruit Oil: IG, LD50 > 45.0 g/kg.                                                                                 |
| <b>Skin:</b>                             | May cause skin irritation. May be harmful if absorbed through the skin.                                                  |
| <b>Eyes:</b>                             | May cause eye irritation.                                                                                                |
| <b>Respiratory:</b>                      | May be harmful if inhaled. Material is irritating to mucous membranes and upper respiratory tract.                       |
| <b>Ingestion:</b>                        | May be harmful if swallowed.                                                                                             |
| <b>Carcinogenicity:</b>                  | No data available.                                                                                                       |
| <b>Teratogenicity:</b>                   | No data available.                                                                                                       |
| <b>Germ Cell Mutagenicity:</b>           | No data available.                                                                                                       |
| <b>Embryotoxicity:</b>                   | No data available.                                                                                                       |
| <b>Sensitization:</b>                    | May cause allergic skin reaction.                                                                                        |
| <b>Over-Exposure Signs and Symptoms:</b> | To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated. |
| <b>Specific Target Organ Toxicity:</b>   | No data available.                                                                                                       |
| <b>Reproductive Toxicity:</b>            | No data available.                                                                                                       |
| <b>Respiratory/Skin Sensitization:</b>   | No data available.                                                                                                       |

## 12 ECOLOGICAL INFORMATION

|                                       |                                     |
|---------------------------------------|-------------------------------------|
| <b>Ecotoxicity:</b>                   | No data available.                  |
| <b>Aquatic Vertebrate:</b>            | No data available.                  |
| <b>Aquatic Invertebrate:</b>          | No data available.                  |
| <b>Terrestrial:</b>                   | No data available.                  |
| <b>Persistence and Degradability:</b> | No data available.                  |
| <b>Bioaccumulative Potential:</b>     | No data available.                  |
| <b>Mobility in Soil:</b>              | No data available.                  |
| <b>PBT and vPvB Assessment:</b>       | No data available.                  |
| <b>Other Adverse Effects:</b>         | Observe local/national regulations. |

## 13 DISPOSAL CONSIDERATIONS

|                            |                                                                                                                                                                                                                                                                                                  |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Waste Residues:</b>     | This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product. |
| <b>Product Containers:</b> | Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.                                                                               |

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

## 14 TRANSPORT INFORMATION

|                                                         |                    |
|---------------------------------------------------------|--------------------|
| <b>DOT (Dept. of Transportation, USA):</b>              | No data available. |
| <b>TDG (Transportation of Dangerous Goods, Canada):</b> | No data available. |
| <b>IMDG (International Maritime Dangerous Goods):</b>   | Not regulated.     |

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|---------------------------------------------------|--------------------|
| IATA (International Air Transport Association):   | Not regulated.     |
| ICAO (International Civil Aviation Organization): | No data available. |
| ADR/RID (EU Land Transportation):                 | Not regulated.     |

## 15 REGULATORY INFORMATION

|                             |                    |
|-----------------------------|--------------------|
| TSCA Registered:            | No data available. |
| Canada (DSL):               | No data available. |
| European EU Classification: | No data available. |
| China Inventory List:       | No data available. |
| Australia AICS:             | No data available. |
| Japanese (MITI):            | No data available. |
| Philippines (PICCS):        | No data available. |
| Korean Inventory List:      | No data available. |

## 16 OTHER INFORMATION

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|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Revision Date: | 22-Jul-2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Compliance:    | This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Disclaimer:    | This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use. |