



## SAFETY DATA SHEET

### 01. IDENTIFICATION

NAME OF PREPARATION OR SUBSTANCE: Sea Buckthorn Fruit Oil – Virgin Organic (S1731)  
SUPPLIER NAME: Jedwards International, Inc.  
SUPPLIER ADDRESS: 141 Campanelli Drive  
Braintree, MA 02184 USA  
TELEPHONE NUMBER: (617)472-9300  
RECOMMENDED USE: For manufacturing and repackaging use only  
EMERGENCY TELEPHONE NUMBER: Chemtrec 1-800-424-9300 (24 hrs)

### 02. HAZARD IDENTIFICATION

ACUTE HEALTH EFFECTS: May be harmful if ingested, inhaled or absorbed through the skin. May cause eye or skin irritation. To the best of our knowledge, the toxicological properties of this compounds have not been fully investigated. All uncharacterized chemicals should be treated as suspected toxins.

CHRONIC HEALTH EFFECTS: Unknown

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

CHARACTERIZATION: Fatty oil extracted by supercritical CO<sub>2</sub> extraction from organic dry berries of *Hippophae rhamnoides* L.  
CAS NUMBER: 225234-03-7/90106-68-6  
INCI NUMBER: *Hippophae Rhamnoides* (Sea Buckthorn) Fruit Oil

### 04. FIRST AID MEASURES

EYE CONTACT: Rinse immediately with tap water for 10 minutes – open eyelids forcibly.

SKIN CONTACT: Brush off

INHALATION: Remove the casualty to fresh air and keep calm. Consult physician.

NOTE TO PHYSICIAN: Treat symptomatically.

### 05. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Dry powder, foam, carbon dioxide  
SPECIFIC HAZARDS: Consider dust explosion hazard. Formation of acrid smoke and respiratory irritant fumes when heated to decomposition.

PROTECTION OF FIRE-FIGHTERS: Precipitate gases/vapors/mists with standard protective equipment.

### 06. ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PROTECTION: Do not allow product to enter drains or waterways. Nontoxic and biodegradable, but very slow



METHODS FOR CLEANING UP:

biodegradation due to low water solubility. Dyeing effect.  
Collect (avoid dust formation) and hand over to waste removal.

## 07. HANDLING & STORAGE

TECHNICAL MEASURES:

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.

SUITABLE MATERIAL:  
STORAGE CONDITIONS:

Stainless steel, aluminum, glass, polyethylene, enamel Cool. Store under inert gas. Protected from light and humidity. Never store at temperatures below 0°C or above 30°C. See COA for shelf life. After opening container, the contents should be used within a short period and must be flushed with nitrogen and closed airtight.

PACKAGING MATERIALS:

Tightly closing material: stainless steel, aluminum, glass, polyethylene

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

MONITORING:

THRESHOLD VALUE AIR:  
ANALYTICS:

MAK: 30mg/m<sup>3</sup>  
Sampling on glass fiber filter and gravimetric determination.

PERSONAL PROTECTIVE EQUIPMENT:  
RESPIRATORY PROTECTION:

Respiratory protection not necessary during normal operations. In case of very high dust concentrations: particle mask or respirator with independent air supply.

HAND PROTECTION:  
EYE PROTECTION:  
REMARKS:

Protective gloves  
Safety glasses  
Slight skin discoloration on contact

## 09. PHYSICAL & CHEMICAL PROPERTIES

COLOR:  
FORM:  
ODOR:  
TASTE:  
FLASH POINT:  
FLAMMABILITY SOLID/GAS:  
WATER SOLUBILITY:  
OTHER SOLUBILITY:

Orange to reddish brown  
Oily liquid  
Characteristic  
Characteristic  
100°C min.  
Combustible liquid, same as vegetable oil  
Insoluble in water  
Soluble in ethanol, miscible with ether, chloroform and with oils and fats.

## 10. STABILITY & REACTIVITY

STABILITY:  
CONDITIONS TO AVOID:

Stable under the conditions mentioned in section 7.  
Air. Warming. Light. Humidity.



**MATERIALS TO AVOID:**

Atmospheric oxygen, oxidizing agents, strong acids, strong bases, reducing agents, metal salts, compounds rich in oxygen.

**11. TOXICOLOGICAL INFORMATION**

**ROUTES OF EXPOSURE:**

SKIN CONTACT:

SKIN ABSORPTION:

EYE CONTACT:

INHALATION:

INGESTION:

SENSITIZATION:

SIGNS AND SYMPTOMS OF EXPOSURE:

May cause skin irritation.

May be harmful if absorbed through the skin.

May cause eye irritation.

May be harmful if inhaled. Material is irritating to mucous membranes and upper respiratory tract.

May be harmful if swallowed.

Skin: May cause allergic skin reaction.

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Fruit Oil: Mouse, IG, LD<sub>50</sub>>45.0 g/kg.

N/A

TOXICITY DATA:

IRRITATION DATA:

**12. ECOLOGICAL INFORMATION**

READY BIODEGRADABILITY:

INHERENT BIODEGRADABILITY:

ECOTOXICITY:

AIR POLLUTION:

None available

None available

None available

Observe local/national regulations

**13. DISPOSAL CONSIDERATIONS**

WASTE FROM RESIDUE:

Incinerate in qualified installation with flue gas scrubbing. Observe local/national regulations regarding waste disposal.

**14. TRANSPORT INFORMATION**

Note:

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID)

**15. REGULATORY INFORMATION**

No information available

**16. OTHER INFORMATION**

None available



BULKNATURALOILS.COM  
**JEDWARDS**  
INTERNATIONAL, INC.

**Revised on 04/30/2026**

The information provided above is intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Although Jedwards International, Inc. believes the above information to be accurate based on the information available to Jedwards, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Jedwards meets their quality requirements and is appropriate for the use to which the product is to be put. Use and purchase of this material is subject to Jedwards International, Inc. standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.