



## Safety Data Sheet

### 01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

#### 1.1 Product Identifier

Product Name		Wheat Germ Oil Unrefined			
Biological Definition		Triticum Vulgare Germ Oil is the oil obtained from the expression or extraction of the Wheat Germ, Triticum vulgare, Poaceae. It consists primarily of the glycerides of the fatty acids.			
INCI Name		Triticum Vulgare Germ Oil			
Synonyms & Trade Names		-			
CAS-No	68917-73-7 / 84012-44-2	EC No.	281-689-7	EINECS No.	281-689-7

#### 1.2 Relative identified uses of the substance or mixture and uses advised against

Component of; Cosmetic products and Pharmaceutical products.

#### 1.3 Details of the supplier of the safety data sheet

Golden Bough Botanicals Inc 12-1585 Cliveden Ave Delta BC V3M 6M1

#### 1.4 Emergency Tel. No.

604-540-8700 (Monday-Friday 8:30 am-4:30 pm)

### 02. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Not classed as a hazardous substance.

Classification (EC 1272/2008)

Not classed as a hazardous substance.

#### 2.2 Label Elements

Label in accordance with (EC) No 1272/2008

None.

Signal Word

None.

Contains

Contains no hazardous substances.

Hazard Statements

None.

Precautionary Statements

None.

Supplementary Precautionary Statements

None.

#### 2.3 Other Hazards

PBT or vPvB according to Annex XIII

No additional data available.

Adverse physio-chemical properties

No additional data available.

Adverse effects on human health

No additional data available.

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

100% Triticum Vulgare Germ Oil CAS# 68917-73-7 / 84012-44-2. Not Classified as a hazardous material.

### 04. FIRST AID MEASURES

#### 4.1 Description of first aid measures

Inhalation	None. No vapours generated under normal handling conditions.
Ingestion	None. Not dangerous, oils are generally edible.
Skin Contact	Remove contaminated clothing. Wash skin with soap and water. Seek medical attention if any discomfort occurs.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if irritation persists. Continue to rinse.

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

No symptoms known.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Advice for medical staff: This safety data sheet. Accident with vegetable oil of edible quality.

### 05. FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing Media

Extinguishing media: Carbon dioxide (CO<sub>2</sub>). Dry Chemical Powder. Foam.  
Unsuitable extinguishing media: Water jet.

#### 5.2 Special hazards arising from the product

Formation of carbon monoxide is possible.

#### 5.3 Advice for firefighters

Wear suitable respiratory protection.

### 06. ACCIDENTAL RELEASE MEASURES

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

No special precautions under normal conditions.

#### 6.2 Environmental Precautions

Do not discharge into drains, water courses or onto the ground.

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

Cover with an inert, inorganic, non-combustible absorbent material (e.g dry-lime, sand, soda ash). Place in covered containers and dispose of in accordance with current laws and regulations.

#### 6.4 Reference to other sections

See sections 8 and 13.

### 07. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Handle with care and avoid spillage on the floor (spillage can cause slipping hazard). Adhere to normal working hygiene conditions. Keep away from open fire.

<b>7.2 Conditions for safe storage, including any incompatibilities</b>
Storage conditions: Store in a cool and dry place in the original containers, or store in a tank (preferably stainless steel). Measures for storage rooms and tanks: No special measures. Bunding or similar precautions are recommended to contain spillage or leaks. Incompatible materials: Pro-oxidants.
<b>7.3 Specific end use(s)</b>
No additional data available.

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1 Control parameters</b>	
None.	
<b>8.2 Exposure controls</b>	
Protective Equipment	
No special measures required.	
Process Conditions	No special measures required.
Engineering Measures	No special measures required.
Respiratory Equipment	In case of aerosol formation, use dust mask filter.
Hand Protection	No special measures required.
Eye Protection	Use safety glasses/goggles if there is a risk of splashing.
Other Protection	No special measures required.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	Use personal protection according to Directive 89/686/EEC.
Skin Protection	No special measures required.
Environmental Exposure Controls	Avoid discharging into drainage water.

## 09. PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1 Information on basic physical and chemical properties</b>	
Appearance	Clear liquid.
Colour	Amber / golden
Odour	Characteristic.
Relative Density	Approx. 0.915 @ 20°C
Flash Point (°C)	>300
Refractive Index	Approx. 1.470 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	< 0.01 mmHg
Solubility in Water @20°C	Insoluble in water. Soluble in vegetable oils.
Auto-ignition temperature (°C)	No additional data available.
<b>9.2 Other information</b>	
No additional data available.	

## **10. STABILITY AND REACTIVITY**

<b>10.1 Reactivity</b>
Generally stable, becomes rancid on prolonged exposure to air.
<b>10.2 Chemical stability</b>
Generally stable, becomes rancid on prolonged exposure to air.
<b>10.3 Possible hazardous reactions</b>
None.
<b>10.4 Conditions to Avoid</b>
Avoid oxidation promoting conditions (heat and UV light).
<b>10.5 Incompatible materials</b>
Avoid pro-oxidants
<b>10.6 Hazardous Decomposition Products</b>
None.

## **11. TOXOLOGICAL INFORMATION**

<b>11.1 Information on toxicological effects</b>	
Acute Toxicity	The substance is a non-toxic vegetable oil of edible quality.
Skin corrosion / irritation	No adverse effects expected.
Serious eye damage / irritation	Slight irritation may occur on eye contact.
Respiratory or skin sensitisation	No adverse effects expected.
Germ Cell Mutagenicity	No known effects.
Carcinogenicity	No known effects.
Reproductive toxicity	No known effects.
STOT-single exposure	Based upon the composition and reports based upon similar products there are no negative effects to be expected.
STOT-repeated exposure	Based upon the composition and reports based upon similar products there are no negative effects to be expected.
Aspiration hazard	No additional data available.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

## **12. ECOLOGICAL INFORMATION**

<b>12.1 Toxicity</b>
No additional data available.
<b>12.2 Persistence &amp; degradability</b>
Readily biodegradable.
<b>12.3 Bioaccumulation Potential</b>
No bioaccumulation is expected.

<b>12.4 Mobility in soil</b>
Floats on water. Immobilises by adsorption to soil particles.
<b>12.5 Results of PBT and vPvB Assessment</b>
No additional data available.
<b>12.6 Other adverse effects</b>
Presents no ozone depletion potential and is CO <sub>2</sub> neutral. Do not allow product to enter streams, sewers or other waterways.

### **13. DISPOSAL CONSIDERATIONS**

<b>13.1 Waste treatment methods</b>
No specific danger. Dispose according to local authority advice. May be burned together with household waste, if this is accepted by the authorities.

### **14. TRANSPORT INFORMATION**

<b>14.1 UN number</b>	
UN No. Road	Not classified.
UN No. SEA	Not classified.
UN No. AIR	Not classified.
<b>14.2 UN proper shipping name</b>	
Not classified.	
<b>14.3 Transport hazard class(es)</b>	
Not classified.	
<b>14.4 Packing group</b>	
Not classified.	
<b>14.5 Environmental hazards</b>	
No hazard label necessary – non hazardous product.	
<b>14.6 Special precautions for user</b>	
See sections 6 - 8	
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code</b>	
Not defined.	

### **15. REGULATORY INFORMATION**

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>
Not classified as a dangerous material.
<b>15.2 Chemical safety assessment</b>
No additional information available.

### **16. OTHER INFORMATION**

Hazard and/or Precautionary Statements in Full	None
Other Information	None
Revision Date	June 29, 2017
Reason for revision	New SDS

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