



Safety Data Sheet

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

1.1 Product Identifier

Product Name	Sunflower Oil Organic				
Biological Definition	Helianthus Annuus Seed Oil is the oil expressed from the seeds of the Sunflower, <i>Helianthus annuus L., Compositae</i> .				
INCI Name	Helianthus Annuus Seed Oil				
Synonyms & Trade Names	-				
CAS-No	8001-21-6	EC No.	232-273-9	EINECS No.	232-273-9

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

No additional data available.

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% Helianthus Annuus Seed Oil CAS# 8001-21-6. Not classed as a hazardous material.

04. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	None.
Ingestion	No specific measure required.
Skin Contact	Remove contaminated clothing. Wash skin with soap and water. Seek medical attention if any discomfort continues.
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 occurs.

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

None.

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Extinguishing media: Carbon dioxide (CO₂). Dry Chemical Powder. Foam. Sand or Earth.
Unsuitable extinguishing media: Full water jet.

5.2 Special hazards arising from the product

At high temperatures, acrolein may be formed.

5.3 Advice for firefighters

In case of insufficient ventilation, wear suitable respiratory equipment. Depending on the dimensions of the fire wear full protection.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Remove sources of ignition, provide adequate ventilation, avoid contact with skin and eyes.

6.2 Environmental Precautions

Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines.

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 section 8 & 13.

07. HANDLING AND STORAGE


7.1 Precautions for safe handling

Usual precautions for handling chemicals should be observed. Keep containers leak proof closed and dry. Protect against sun/light. Prevent spills and leakages to avoid slip hazard.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Avoid direct sunlight, heat sources and strong oxidizing agents. . Store at ambient temperatures. Avoid contact with oxidizing agents.
7.3 Specific end use(s)
No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	
None.	
8.2 Exposure controls	
Protective Equipment	
 <p>No special measures required.</p>	
Process Conditions	No special measures required.
Engineering Measures	No special measures required.
Respiratory Equipment	No special measures required.
Hand Protection	No special measures required.
Eye Protection	No special measures required. Safety glasses are recommended.
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

9.1 Information on basic physical and chemical properties	
Appearance	Clear, mobile liquid, pale yellow.
Colour	Pale yellow.
Odour	Characteristic
Relative Density	Approx. 0.918 @ 20°C
Flash Point (°C)	>200
Refractive Index	Approx. 1.469 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	>350
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water. Soluble in oil and ethanol.
Auto-ignition temperature (°C)	No additional data available.
9.2 Other information	
No additional data available.	

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under the recommended handling and storage conditions.
10.2 Chemical stability
Stable under the recommended handling and storage conditions.
10.3 Possible hazardous reactions
None under normal conditions of storage and use.
10.4 Conditions to Avoid
No additional data available.
10.5 Incompatible materials
Avoid contact with strong oxidising agents.
10.6 Hazardous Decomposition Products
At temperatures of above 300°C, acrolein may be formed.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	Not classed as toxic.
Skin corrosion / irritation	No additional data available.
Serious eye damage / irritation	No additional data available.
Respiratory or skin sensitisation	No additional data available.
Germ Cell Mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	No additional data available.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity
No additional data available.
12.2 Persistence & degradability
Ready biodegradable. Degradable by a range of bacteria, fungi, yeasts and algae.
12.3 Bioaccumulation Potential
Ready biodegradable. Degradable by a range of bacteria, fungi, yeasts and algae.
12.4 Mobility in soil
No additional data available.
12.5 Results of PBT and vPvB Assessment
No additional data available.
12.6 Other adverse effects
Do not allow product to enter streams, sewers or other waterways.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Collect and dispose of waste product at an authorised disposal facility. Product remainders should not intrude soil or waters.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
An assessment has not been carried out.	
15.2 Chemical safety assessment	
No additional information available.	

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	None.
Other Information	None.
Revision Date	May 15, 2017
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Rev No/Repl, SDS Generated	01

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