



Safety Data Sheet

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

1.1 Product Identifier					
Product Name		Carrot Tissue Oil.			
Biological Definition		-			
INCI Name		Carotenoids & Helianthus Annuus Seed Oil & Tocopherol & Ascorbyl Palmitate.			
Synonyms & Trade Names		-			
CAS-No	- / 8001-21-6 / 119-13-1 / 137-66-6	EC No.	- / 232-273-9 / 204-299-0 / 205-305-4	EINECS No.	- / 232-273-9 / 204-299-0 / 205-305-4
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 known effects.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Helianthus Annuus Seed Oil	Cas. No 8001-21-6	Not classed as a hazardous substance.
Carotenoids	Cas. No -	Not classed as a hazardous substance.
Tocopherol	Cas. No 119-13-1	Not classed as a hazardous substance.
Ascorbyl Palmitate	Cas. No 137-66-6	Not classed as a hazardous substance.

04. FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	No specific measures. Provide fresh air. Seek medical attention if discomfort occurs.
Ingestion	Rinse mouth with plenty of water. Do not induce vomiting. Seek medical attention.
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 immediately. Continue to rinse.
4.2 Most important symptoms and effects, both acute and delayed	
No additional data available.	
4.3 Indication of any immediate medical attention and special treatment needed	
No additional data available.	

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media	
Extinguishing media: Carbon dioxide (CO ₂). Dry Chemical Powder. Chemical Foam. Unsuitable extinguishing media: Full water jet.	
5.2 Special hazards arising from the product	
If exposed to high temperatures, the product may release dangerous decomposition products such as carbon monoxide and dioxide.	
5.3 Advice for firefighters	
Use respiratory equipment suitable for the premises and products stored nearby. Packaging exposed to heat or open flames should be cooled with a fine water spray. Avoid allowing the resulting effluent to drain into the sewer system.	

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. Clean up residues on affected areas with plenty of water and detergent.	
6.4 Reference to other sections	
None.	

07. HANDLING AND STORAGE

7.1 Precautions for safe handling
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Use in accordance with good industrial / laboratory procedures. 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
Intrusion into soil to be avoided. Store the product in cool (between 5 – 10°C) and well-ventilated environment and keep away from sources of ignition. Provide suitable mechanical equipment for the safe handling of drums and heavy packages. Electrical equipment and fittings must comply with local regulations.
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	
No special measures required.	
Process Conditions	No special measures required.
Engineering Measures	No special measures required.
Respiratory Equipment	No special measures required.
Hand Protection	No special measures required. Gloves are recommended for prolonged use of the product.
Eye Protection	No special measures required. Wear safety glasses if 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	No special measures required.
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, orange liquid.
Colour	Orange.
Odour	Characteristic.
Relative Density	0.903 - 0.922 @ 20°C
Flash Point (°C)	No additional data available.
Refractive Index	1.461 - 1.481 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water. Soluble in oil.
Auto-ignition temperature (°C)	No additional data available.
9.2 Other information	
No additional data available.	

10. STABILITY AND REACTIVITY

10.1 Reactivity

No additional data available.

10.2 Chemical stability

Stable under the recommended handling and storage conditions.

10.3 Possible hazardous reactions

No additional data available.

10.4 Conditions to Avoid

Avoid heat, flames, sunlight and other sources of ignition. Oxidation and degradation of substance may occur.

10.5 Incompatible materials

Avoid contact with strong acids, strong alkalis and strong oxidising agents.

10.6 Hazardous Decomposition Products

In event of fire; see section 5.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity	No additional data available.
Skin corrosion / irritation	No known effect.
Serious eye damage / irritation	No known effect.
Respiratory or skin sensitisation	No known effect.
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 ecological toxicity to be expected.

12.2 Persistence & degradability

Biodegradable.

12.3 Bioaccumulation Potential

No additional data available.

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 bound by transport regulation.
UN No. SEA	Not bound by transport regulation.
UN No. AIR	Not bound by transport regulation.

14.2 UN proper shipping name

None.

14.3 Transport hazard class(es)

Not bound by transport regulation.

14.4 Packing group

No additional data available.

14.5 Environmental hazards

None. Not classed as a marine pollutant.

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

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

Guidance Notes

CHIP for everyone HSG(108). Workplace Exposure Limits EH40.

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2 Chemical safety assessment

An assessment has not been executed as this is not a hazardous material according to article 31 of REACH 1907/2006.

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	None.
Other Information	None.

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