



Safety Data Sheet

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

1.1 Product Identifier

Product Name		Coriander Seed Oil.			
Biological Definition		Coriandrum Sativum Fruit Oil is the volatile oil obtained from the dried fruit of the Coriander, <i>Coriandrum sativum L., Umbelliferae.</i>			
INCI Name		Coriandrum Sativum Fruit Oil.			
Synonyms & Trade Names		-			
CAS-No	8008-52-4 / 84775-50-8	EC No.	- / 283-880-0	EINECS No.	- / 283-880-0

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

The Full Text for all Hazard Statements displayed in Section 16.

Hydrocarbon Content: 15%

Human health : May cause serious eye damage and skin irritation May cause lung damage if swallowed.

Environment : The product contains a substance which is toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

Classification (EC 1272/2008)

Physical hazards:	Not Classified.
Health hazards:	Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; Skin Sens. 1 - H317; Asp. Tox. 1 - H304
Environmental hazards:	Aquatic Chronic 2 - H411

2.2 Label Elements

Label in accordance with (EC) No 1272/2008

GHS07



GHS08



GHS09



Signal Word

Danger.

Contains

GERANIOL, Limonene, pinenes

Hazard Statements

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P302+352 IF ON SKIN: Wash with plenty of soap and water.
 P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplementary Precautionary Statements

P272 Contaminated work clothing should not be allowed out of the workplace.
 P261 Avoid breathing vapour/spray.
 P264 Wash contaminated skin thoroughly after handling.
 P321 Specific treatment (see medical advice on this label).
 P313 Get medical advice/attention.
 P331 Do NOT induce vomiting.
 P332+313 If skin irritation occurs: Get medical advice/attention.
 P333+313 If skin irritation or rash occurs: Get medical advice/attention.
 P337 If eye irritation persists:
 P362 Take off contaminated clothing and wash before reuse.
 P363 Wash contaminated clothing before reuse.
 P391 Collect spillage.
 P405 Store locked up.
 P501 Dispose of contents/container to ...

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

3.2 Mixtures

5.0 – 10.0% Camphor CAS-No: 464-49-3 EC No: 207-355-2

Classification (EC 1272/2008): Flam. Liq. 2 - H225, Acute Tox. 4 - H332, STOT SE 2 - H371

1.0 – 5.0% Geraniol CAS-No:106-24-1 EC No: 203-377-1

Classification (EC 1272/2008): Skin Irrit. 2 - H315, Eye Dam. 1 - H318, Skin Sens. 1 - H317

1.0 – 5.0% Geranyl Acetate CAS-No: 105-87-3 EC No: 203-341-5

Classification (EC 1272/2008): Aquatic Chronic 2 - H411

1.0 – 5.0% Limonene CAS-No:5989-27-5 EC No: 227-813-5

Classification (EC 1272/2008): Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp. Tox. 1 - H304, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410

60.0 – 100.0% Linalool CAS-No: 78-70-6 EC No: 201-134-4

Classification (EC 1272/2008): Skin Irrit. 2 - H315

1.0 – 5.0% p-Cymene	CAS-No: 99-87-6	EC No: 202-796-7
Classification (EC 1272/2008): Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp. Tox. 1 - H304, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410.		
5.0 – 10.0% pinenes	CAS-No: 80-56-8	EC No: 201-291-9
Classification (EC 1272/2008): Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp. Tox. 1 - H304		

04. FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	Move affected person to fresh air at once. Get medical attention.
Ingestion	DO NOT INDUCE VOMITING! Get medical attention immediately.
Skin Contact	Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye Contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately.
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	
Suitable extinguishing media - Foam, carbon dioxide or dry powder. Unsuitable extinguishing media - Water.	
5.2 Special hazards arising from the product	
In case of fire, may be liberated: Carbon monoxide, unidentified organic compounds.	
5.3 Advice for firefighters	
Special Fire Fighting Procedures Closed containers may build up pressure at elevated temperatures. Avoid inhalation of generated fumes or vapours. Use appropriate respiratory equipment. Do not allow spillage of the fire extinguishing to enter drainage systems or water areas. Protective equipment for fire-fighters Wear full protective clothing.	

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	
Remove all sources of ignition. Provide adequate ventilation.	
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.	
Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Wash contaminated area with water.	

6.4 Reference to other sections

Wear protective clothing as described in section 8.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep away from food, drink and animal feed products. When using do not smoke. Avoid contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Store in tightly closed original container in a dry, cool and well-ventilated place.

7.3 Specific end use(s)

No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Linalool (CAS: 78-70-6)

Ingredient Comments

No exposure limits noted for ingredient(s).

p-Cymene (CAS: 99-87-6)

Ingredient Comments

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Protective Equipment



Process Conditions	Provide eyewash station.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	In case of inadequate ventilation use suitable respirator.
Hand Protection	Chemical resistant gloves (PVC) should be worn.
Eye Protection	Wear approved safety goggles.
Other Protection	No additional data available.
Hygiene Measures	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.
Personal Protection	Avoid inhalation and contact with skin and eyes.
Skin Protection	Wear apron or protective clothing in case of splashes.
Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorised companies.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Clear liquid, colourless to pale yellow.
Colour	Colourless to pale yellow.
Odour	Characteristic
Relative Density	0.863 - 0.875 @ 20°C
Flash Point (°C)	62 CC (Closed cup)
Refractive Index	1.461 - 1.470 @ 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.
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 prescribed storage conditions.

10.3 Possible hazardous reactions

None known.

10.4 Conditions to Avoid

Avoid heat, flames and other sources of ignition.

10.5 Incompatible materials

Avoid; Strong oxidising agents. Strong Acids. Strong Alkali

10.6 Hazardous Decomposition Products

By fire, toxic gases (CO, CO₂, NO_x) may be formed.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity	No additional data available.
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

The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

12.2 Persistence & degradability



No additional data available.

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
No additional data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. TRANSPORT INFORMATION

14.1 UN number
UN No. Road 3082
UN No. SEA 3082
UN No. AIR 3082
14.2 UN proper shipping name
ENVIRONMENTALLY HAZARD SUBSTANCE LIQUID, N.O.S
14.3 Transport hazard class(es)
ADR/RID/ADN Class: 9 Miscellaneous dangerous substances and articles. IMDG Class: 9 ICAO Class: 9
Transport Label:

14.4 Packing group
ADR/RID/ADN Packing group: III IMDG Packing group: III ICAO Packing group: III
14.5 Environmental hazards
Environmentally Hazardous Substance/Marine Pollutant.

14.6 Special precautions for user

EMS	F-A-S-F
Emergency Action Code	3Z
Hazard No. (ADR)	90 Environmentally hazardous substance; miscellaneous dangerous substances.
Tunnel Restriction Code	(E)
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code	
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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).

Guidance Notes

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

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

No additional information available.

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	H318 Causes serious eye damage. H319 Causes serious eye irritation. H315 Causes skin irritation. H226 Flammable liquid and vapour. H332 Harmful if inhaled. H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H317 May cause an allergic skin reaction. H371 May cause damage to organs <<Organs>>. H411 Toxic to aquatic life with long lasting effects. H410 Very toxic to aquatic life with long lasting effects. H400 Very toxic to aquatic life.
Other Information	None.
Revision Date	October 10, 2016
Reason for revision	New SDS
Rev No/Repl, SDS Generated	01

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