



The Soap Kitchen (2011) Ltd

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MATERIAL SAFETY DATA SHEET

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

1.1 Product Identifier					
Product Name	Carrot Seed Oil.				
Biological Definition	Daucus Carota Sativa Seed Oil is the oil obtained by steam distillation from the seed of the carrot, <i>Daucus carota L. var. sativa, Umbelliferae.</i>				
INCI Name	Daucus Carota Sativa Seed Oil				
Synonyms & Trade Names	-				
CAS-No	84929-61-3	EC No.	284-545-1	EINECS No.	284-545-1
1.2 Relative identified uses of the substance or mixture and uses advised against					
Suitable for Cosmetic and food flavouring use.					
1.3 Details of the supplier of the safety data sheet					
1.4 Emergency Tel. No.		+ 44 (0) 1260 222 943			

2.1 Classification of the substance or mixture	
The Full Text for all Hazard Statements is displayed in Section 16.	
Classification (EC 1272/2008)	
Physical hazards: <ul style="list-style-type: none">- Flam. Liq. 3 - H226 Health hazards: <ul style="list-style-type: none">- Asp Tox 1 – H304- Skin Irrit 2 – H315- Skin Sens 1 – H317 Environmental hazards: <ul style="list-style-type: none">- Aquatic Chronic 2 – H411	
2.2 Label Elements	
Label in accordance with (EC) No 1272/2008	

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Signal Word		Danger.
Contains	<ul style="list-style-type: none"> - beta-Bisabolene, - Trans-beta-Farnesene, - alpha-Pinene, - d-Limonene 	
Hazard Statements		
<p>H226 - Flammable liquid and vapour. H304 - May be fatal if swallowed and enters airways. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H411 - Toxic to aquatic life with long lasting effects.</p>		
Precautionary Statements		
<p>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261 - Avoid breathing fume/mist/vapours/spray. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P301/P310 - IF SWALLOWED - Immediately call a POISON CENTER/doctor. P302/P352 - IF ON SKIN - Wash with plenty of water. P331 - Do NOT induce vomiting. P333/P313 - If skin irritation or rash occurs: Get medical advice/attention. P362/P364 - Take off contaminated clothing. And wash it before reuse. P370/P378 - In case of fire - Use dry chemical powder, foam, carbon dioxide to extinguish. P391 - Collect spillage. P501 - Dispose of contents in accordance with local, state or national legislation.</p>		
Supplementary Precautionary Statements		
<p>P233 - Keep container tightly closed. P264 - Wash hands and exposed skin thoroughly after handling.</p>		
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

1 – 5% beta-Bisabolene

CAS No: 495-61-4

Classification (EC 1272/2008):

- Asp. Tox. 1 - H304
- Skin Irrit. 2 - H315

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- Skin Sens. 1 - H317

1 - 5% Trans-beta-Farnesene

CAS No: 18794-84-8

Classification (EC 1272/2008):

- Asp. Tox. 1 – H304

≤ 2% alpha-Pinene

CAS No: 80-56-8

Classification (EC 1272/2008):

- Flam. Liq. 3 – H226
- Acute Tox. 4 - H302
- Asp. Tox. 1 – H304
- Skin Irrit. 2 – H315
- Skin Sens. 1 – H317
- Aquatic Acute 1 – H400
- Aquatic Chronic 1 – H410

≤ 2% d-Limonene

CAS No: 5989-27-5

Classification (EC 1272/2008):

- Flam. Liq. 3 - H226
- Asp. Tox. 1- H304
- Skin Irrit. 2 - H315
- Skin Sens. 1 - H317
- Aquatic Acute 1 - H400
- Aquatic Chronic 1 - H410

≤ 1% Caryphollene Oxide

CAS No: 1139-30-6

Classification (EC 1272/2008):

- Aquatic Chronic 2 – H411

≤ 1% beta-Pinene

CAS No: 127-91-3

Classification (EC 1272/2008):

- Flam. Liq. 3 – H226
- Asp. Tox. 1 – H304
- Skin Irrit. 2 – H315
- Skin Sens. 1 – H317
- Aquatic Acute 1 – H400
- Aquatic Chronic 1 – H410

≤ 1% Myrcene

CAS No: 123-35-3

Classification (EC 1272/2008):

- Flam. Liq. 3 - H226
- Asp. Tox. 1 – H304
- Skin Irrit. 2 - H315
- Eye Irrit. 2 - H319
- Aquatic Acute 1 – H400

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- Aquatic Chronic 1 – H410

≤ 1% beta-Caryophyllene

CAS No: 87-44-5

Classification (EC 1272/2008)

- Asp. Tox. 1 H304

04. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Remove from exposure area to fresh air. Get medical advice/attention.
Ingestion	Do not induce vomiting. Ingestion may cause nausea and vomiting. Immediately rinse mouth and provide fresh air. Get medical advice/attention.
Skin Contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical advice/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 advice/attention. Continue to rinse.

4.2 Most important symptoms and effects, both acute and delayed

Allergic contact dermatitis.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable extinguishing media:

- dry chemical powder
- foam
- carbon dioxide (CO₂).

Unsuitable extinguishing media:

- do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the product

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke. Thermal decomposition or combustion products may include the following substances:

- Carbon dioxide (CO₂),
- Carbon monoxide (CO).

Containers close to fire should be removed or cooled with water.

5.3 Advice for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

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Use protective gloves, goggles and suitable protective clothing. In case of spills, beware of slippery floors and surfaces.

6.2 Environmental Precautions

Avoid discharge into water courses or onto the ground.

6.3 Methods and material for containment and cleaning up.

Absorb with inert, damp, non-combustible material, and then flush area with water. Shovel into dry containers. Cover and move the containers. Flush the area with water.

6.4 Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid spilling, skin and eye contact. Ensure adequate ventilation of the working Area. Adopt best manual handling considerations when handling, carrying and dispensing.

7.2 Conditions for safe storage, including any incompatibilities

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

7.3 Specific end use(s)

No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No additional data available.

8.2 Exposure controls

Protective Equipment



Process Conditions	Provide eyewash station and safety shower.
Engineering Measures	Provide adequate ventilation or respiratory protection.
Respiratory Equipment	Generally unnecessary in a well-ventilated area. If ventilation is insufficient, respiratory protection must be worn.
Hand Protection	Wear suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.
Eye Protection	Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes. Before handling, wear safety goggles in accordance with standard EN166.
Other Protection	Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place, away from the work area.

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Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils. Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.
Personal Protection	Avoid inhalation and contact with skin and eyes.
Skin Protection	Avoid skin contact. Wear suitable protective clothing.
Environmental Exposure Controls	Avoid discharging into drainage water.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Mobile liquid
Colour	Light yellow to amber
Odour	Fresh herbaceous woody with earthy undertone
Relative Density	Approx. 0.940 @ 20°C
Flash Point (°C)	59
Refractive Index	Approx. 1.500@ 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	No additional data available.
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 normal temperature conditions.	
10.3 Possible hazardous reactions	
No additional data available.	
10.4 Conditions to Avoid	
Avoid heat, flames and other sources of ignition.	
10.5 Incompatible materials	
Avoid strong oxidising substances. Strong acids. Strong Alkalis.	
10.6 Hazardous Decomposition Products	
In case of fire, toxic gases (CO, CO ₂ , NO _x) may be formed.	

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11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	Not classified.
Skin corrosion / irritation	Causes skin irritation.
Serious eye damage / irritation	Not classified.
Respiratory or skin sensitisation	May cause an allergic skin reaction.
Germ Cell Mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
STOT-single exposure	Not classified.
STOT-repeated exposure	Not classified.
Aspiration hazard	May be fatal if swallowed and enters airways.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity	
Toxic to aquatic life with long lasting effects.	
12.2 Persistence & degradability	
No additional data available.	
12.3 Bioaccumulation Potential	
No additional data available.	
12.4 Mobility in soil	
The product is insoluble in water.	
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	
Do not pour into drains or waterways. Waste is suitable for incineration. Dispose of in accordance with local, regional and national regulations. Seek expert advice.	

14. TRANSPORT INFORMATION

14.1 UN number	
UN No. Road	UN 1169
UN No. SEA	UN 1169

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UN No. AIR	UN 1169
14.2 UN proper shipping name	
EXTRACTS, AROMATIC, LIQUID.	
14.3 Transport hazard class(es)	
ADR/RID/ADN Class: 3: Flammable liquid. IMDG Class: 3: Flammable liquid. ICAO Class/Division: 3: Flammable liquid. Transport Labels <div style="text-align: center;">  </div>	
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 <div style="text-align: center;">  </div>	
14.6 Special precautions for user	
ADR Tunnel restriction code: (D/E) ADR Hazard No: 30 ADR Label No: 3 HazChem Code: •3YE EMS: F-E, S-D	
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code	
No additional data available.	

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
<u>Statutory Instruments</u>

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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 Statements in Full	H226 Flammable liquid and vapour. H302 Harmful if swallowed. 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. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.
Other Information	None.
Revision Date	28/01/2020
Rev No	6

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