



Essential Oils Direct Ltd

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 | 8015-88-1 / 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 | | | | | |
| No additional data available. | | | | | |
| 1.3 Details of the supplier of the safety data sheet | | | | | |
| Essential Oils Direct Ltd 13 Parkside Industrial Estate, Royton, Oldham OL2 6DS - Reg No 04199912 | | | | | |
| 1.4 Emergency Tel. No. | | + 44 (0) 161 633 3952 | | | |

02. HAZARDS IDENTIFICATION

| 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 and Chemical Hazards | Flam. Liq. 3 - H226 | | |
| Human health | Asp Tox 1 – H304 Skin Irrit 2 – H315; Eye Irrit 2 – H319; Skin sens 1 – H317; | | |
| Environment | Aquatic Chronic 2 – H411 | | |
| 2.2 Label Elements | | | |
| Label in accordance with (EC) No 1272/2008 | | | |
| GHS02 | GHS08 | GHS07 | GHS09 |
| | | | |
| Signal Word | Danger. | | |
| Contains | Beta Pinene, Trans-Beta-Farnesene, p-Cymene, Myrcene, Limonene | | |
| Hazard Statements | | | |
| 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. | | | |

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| H319 Causes serious eye irritation. H411 Toxic to aquatic life with long lasting effects. | |
| Precautionary Statements | |
| <p>P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P370+P378: In case of fire: Use water to extinguish. P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor. P331: Do NOT induce vomiting. P280: Wear protective gloves/protective clothing/eye protection/face protection. P501: Dispose of contents in accordance with local, state or national legislation. P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P362+P364: Take off contaminated clothing. And wash it before reuse. P302+P352: IF ON SKIN: Wash with plenty of water. P273: Avoid release to the environment. P391: Collect spillage.</p> | |
| Supplementary Precautionary Statements | |
| <p>P233: Keep container tightly closed. P405: Store locked up. P264: Wash hands and exposed skin thoroughly after handling. P272: Contaminated work clothing should not be allowed out of the workplace</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

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| 3.2 Mixtures | | |
| 10 – 20 % Alpha Pinene | CAS No: 80-56-8 | EC No: 201-291-9 |
| Classification (EC 1272/2008) Flam. Liq. 3 – H226, Skin Sens. 1 – H317, Skin Irrit. 2 – H315, Asp. Tox. 1 – H304, Aquatic Acute 1 – H400, Aquatic Chronic 1 – H410 | | |
| 1 – 5 % Geranyl Acetate | CAS No: 105-87-3 | EC No: 203-341-5 |
| Classification (EC 1272/2008) Skin Irrit. 2 – H315, Skin Sens. 1- H317, Aquatic Chronic 3 – H412 | | |
| 1-5% Caryophyllene Oxide | CAS No: 1139-30-6 | EC No: 214-519-7 |
| Classification (EC 1272/2008) Aquatic Chronic 2 – H411 | | |
| 1 – 5% I-Beta-Bisabolene | CAS No: 495-61-4 | EC No: 610-461-5 |
| Classification (EC 1272/2008) Asp. Tox. 1 – H304, Skin Irrit. 2 – H315, Skin Sens. 1 – H317 | | |
| 1 - 5% Beta Pinene | CAS No: 127-91-3 | EC No: 204-872-5 |
| Classification (EC 1272/2008) Flam. Liq. 3 – H226, Skin Sens. 1 – H317, Skin Irrit. 2 – H315, Asp. Tox. 1 – H304, Aquatic Acute 1 – H400, Aquatic Chronic 1 – H410 | | |
| 1 - 5% Trans-Beta-Farnesene | CAS No: 18794-84-8 | EC No: 242-582-0 |

| | | |
|---|--|------------------|
| Classification (EC 1272/2008) | Asp. Tox. 1 – H304 | |
| 1 – 5% p-Cymene CAS No: 99-87-6 EC No. 202-796-7 | | |
| Classification (EC 1272/2008) Flam. Liq. 3 – H226, Asp. Tox. 1 – H304, Aquatic Chronic 2 – H411 | | |
| 1 – 5% Myrcene CAS No: 99-87-6 EC No:202-796-7 | | |
| Classification (EC 1272/2008) Flam. Liq. 3 - H226, Asp. Tox. 1 – H304, Aquatic Chronic 2 -H411 | | |
| 1 - 5% Limonene | CAS No: 138-86-3 | EC No: 205-341-0 |
| 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 | |

04. FIRST AID MEASURES

| 4.1 Description of first aid measures | |
|--|---|
| Inhalation | Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air at once Get medical attention if any discomfort continues. |
| Ingestion | No specific health warnings noted. No harmful effects expected in amounts likely to be ingested by accident. Seek medical advice if discomfort occurs. |
| Skin Contact | If necessary remove contaminated clothing and wash skin with soap and water. Get 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 any discomfort continues. Ingestion: If necessary, rinse mouth and provide fresh air. Get medical attention if any discomfort continues. |
| 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 specific first aid measures noted. | |

05. FIRE-FIGHTING MEASURES

| 5.1 Extinguishing Media |
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| Suitable extinguishing media: dry chemical powder. foam. carbon dioxide (CO ₂). |
| 5.2 Special hazards arising from the product |
| Containers close to fire should be removed or cooled with water. No unusual fire or explosion hazards noted. When heated and in case of fire, toxic vapours/gases may be formed. |
| 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 |

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| 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

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| 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

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|---|--|
| 8.1 Control parameters | |
| No additional data available. | |
| 8.2 Exposure controls | |
| Protective Equipment | |
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| Process Conditions | Provide eyewash station and safety shower. |
| Engineering Measures | Provide adequate ventilation. |
| Respiratory Equipment | No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists. |
| Hand Protection | Protective gloves should be used if there is a risk of direct contact or splash. |
| Eye Protection | If risk of splashing, wear safety goggles or face shield. |
| 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. |
| 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

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|--|-----------------------|
| 9.1 Information on basic physical and chemical properties | |
| Appearance | Mobile liquid |
| Colour | Light yellow to amber |

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|--------------------------------|--|
| Odour | Fresh herbaceous woody with earthy undertone |
| Relative Density | ~0.940 @ 20°C |
| Flash Point (°C) | 60.0 |
| Refractive Index | ~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

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|--|--|
| 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. | |

11. TOXOLOGICAL INFORMATION

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| 11.1 Information on toxicological effects | |
| Acute Toxicity | No data available on this product. It must be considered, handled and should be dealt with the highest possible caution. |
| Skin corrosion / irritation | Causes skin irritation. May cause an allergic skin reaction. |
| Serious eye damage / irritation | Causes serious eye irritation. |
| Respiratory or skin sensitisation | In high concentrations, vapours may irritate throat and respiratory system and cause coughing. |
| 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 | Ingestion: May be fatal if swallowed and enters airways Ingestion MEDICAL CONSIDERATIONS: Persons with rash are directed to skin expert for examination of allergic eczema. |


12. ECOLOGICAL INFORMATION

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| 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

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| 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

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

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**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 | 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. H318 Causes serious eye damage. 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 | 06/12/2016 |
| Reason for revision | New SDS. |
| Rev No/Repl, SDS Generated | 01 |

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