

TECHNICAL DATA SHEET

Effective date: 11.2020
Rev.1

Carrot Seed Essential Oil Pure

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Daucus carota sativa seed oil
Botanical name	Daucus carota L.
Manufacturing process	Steam distillation of the seeds of the Daucus carota plant (Apiaceae), 100% pure and natural
Part used	Seeds
Main components	Carottol, alpha-pinene, sabinene

TECHNICAL DATA

Physical parameters

Appearance	Liquid
Color	Yellow to brown-orange
Odor	Characteristic, spicy, earthy
Relative density (d20/20)	[0.900 ; 0.970]
Refractive index at 20°C	[1.480 ; 1.510]
Specific rotation (°)	[-30 ; +25]
Flash point °C	[+50 ; +59]
Solubility	Soluble in ethanol, soluble in oil, insoluble in water

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Keep in tightly closed containers in a cool and dry place, protected from light. Stable at usual storage and use conditions.
Shelf Life	36 months under good storage conditions
Transport	UN 1169 Extracts, aromatic, liquid, 3, III

LEGISLATION

Certification	-
IFRA restrictions	Not explicitly regulated by IFRA
CMR substances	This product is free from substances classified as carcinogenic, mutagenic or toxic for reproduction (CMR) of category 1A, 1B or 2 under Part 3 of Annex VI to Regulation (EC) No 1272/2008.

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Nanomaterials	This product is not considered as a nanomaterial, and doesn't contain nanoparticles as defined by the European commission and as described in EU n°1223/2009 and 2012-232 (ANSES).
Animal testing	This product has not been tested on animals.
FDA	182.200
FEMA	2244
COE	173n
EINECS	284-545-1
CAS	8015-88-1
REACH pre-registration no.	-

LABELING

Hazard pictograms	
Hazard categories	AH1 Aspiration hazard 1 ED12 Serious eye damage / eye irritation 2 EHA1 Hazardous to the aquatic environment, acute hazard 1 EHC1 Hazardous to the aquatic environment, long-term hazard 1 FL3 Flammable Liquids 3 SCI2 Skin corrosion / irritation 2 SS1 Skin sensitization 1
Hazard statements	H226 - Flammable liquid and vapor. 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. H410 - Very toxic to aquatic life with long lasting effects.
Precautionary statements	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. 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. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P403+P235 - Store in a well-ventilated place. Keep cool. P501 - Dispose of contents/container in accordance with local/ regional/ national/ international regulation.
European Union specific hazard statements	None

DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.