Alteya's Campus, Village of Yagoda 6167, St.Zagora Region, Bulgaria | +359 700 15 502 | info@alteya.com | AlteyaOrganics.com

Translation from Bulgarian

MATERIAL SAFETY DATA SHEET

According to Regulation (EU) No 1272/2008 and Regulation (EC) No 1907/2006 (REACH), as amended by Regulation (EU) 2020/878

Organic Carrot Seed Oil

Version 02	Date of creation: 26.03.2018
Replaces version: 26.03.2018	Date of new version: 10.12.2023

1. Identification of the substance/mixture and the company/undertaking

1.1. Product Identifier

Product name	:	Organic Carrot Seed Oil
Substance name (INCI)	:	DAUCUS CAROTA SATIVA SEED OIL
REACH Registration No	:	-
CAS No	:	8015-88-1 / 84929-61-3
EC No	:	- / 284-545-1
Biological origin	:	Obtained by steam distillation of seeds of carrot Daucus carota L. var. sativa, Umbelliferae.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/ Mixture	:	For application in the field of perfumery and and cosmetics, independently or as a recipe component included in compositions.
Recommended restrictions on use	:	No data.

1.3. Details of the supplier of the safety data sheet

Manufacturer **:** ALTEYA ORGANICS LLC
Mailing address/Postal code **:** 6000, city of Stara Zagora, Nikola Petkov Blvd. No. 45-4-22

Country identifier/
Postal code/city or town : Bulgaria
Telephone/Mobile/Fax : +359 042 653 085
E-mail of the competent person responsible for the Safety Data Sheet : salesbg@alteya.com
National contact person : Kaloyan Stoev

1.4. Emergency telephone number

Clinic of Toxicology at MPHATEM N.I. Pirogov
Emergency telephone number: +359 2 9154409; (regular working time, Saturdays and Sundays excluded) or +359 2 9154 346 (24h service, all week)
e-mail: poison_centre@mail.orbitel.bg
http//www.pirogov.net

2. Hazards Identification

2.1. Classification of the substance or mixture

2.1.1. Classification according to Regulation (EC) No 1272/2008 (CLP)

Classification as per GHS				
Section	**Subsection**	**Hazard class**	**Hazard class and hazard category**	**Hazard statement**
3.10	Inh.	Aspiration hazard	(Asp Tox 1)	H304
3.2	Skin	Skin irritation	Corrosion/irritation 2	H315
3.4	Sens.	Skin sensitization	(Skin sens 1)	H317
4.1	Chronic	Hazardous to aquatic environment	Aquatic Chronic 3	H412

2.1.2. Additional data:

For full text of hazard statements and EU specific hazard statements: see SECTION 16.

2.2. Label Elements

Designation (Regulation (EC) No 1272/2008) [CLP]

Hazard pictograms

GHS08 GHS07

Signal word : Hazard

Hazard statements : H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.

Environmental hazard statements : H412 Harmful to aquatic life with long lasting effects.

EUH 208 Contains Linalool, Limonene Beta Pinene, Trans-Beta-Farnesene, p-Cymene, Myrcene.
May produce an allergic reaction.

Precautionary statements

Precautionary statements - general	:	P101	If medical advice is needed, have product container or label at hand.
		P102	Keep out of reach of children
		P103	Read label before use.
Precautionary statements - in prevention	:	P262	Do not get in eyes, on skin, or on clothing.
		P261	Avoid breathing dust/fume/ gas/mist/vapours/spray.
		P233	Keep container tightly closed.
		P264	Wash hands thoroughly after handling.
		P272	Contaminated work clothing should not be allowed out of the workplace.
		P273	Avoid release to the environment.
		P280	Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statements - in response	:	P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
		P331	Do NOT induce vomiting.
		P305+P351+ P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
		P362	Take off contaminated clothing and wash before reuse.
		P370 +P378	In case of fire: Use dry, chemical powder, foam, CO2 for extinguish.
		P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
		P302+P352	IF ON SKIN: Wash with plenty of soap and water.
		P391	Collect spillage.
Precautionary statements in storage	:	P405	Store locked up.
		P501	Dispose of contents/container to...

2.3. Other hazards

May cause skin irritation/allergy. Patch test recommended.

3. Composition/Information on ingredients

3.1. Substances/Mixture

INGRIDIENT	*IDENTIFIERS*	*%*	*CLASSIFICATION*
DAUCUS CAROTA SATIVA SEED OIL	*EINECS NO- / 284-545-1* *CAS NO8015-88-1 / 84929-61-3* *INDEX NO: -* *INCI NAME: DAUCUS CAROTA SATIVA SEED OIL* *REACH REGIST. NO: -*	*100,0*	 *DANGER* *Asp. Tox. 1 – H304* *Skin Irrit. Cat.2, H315* *Skin Sens. 1B (H317)* *Eye Irrit. 2A (H319)* *Aquatic Chronic 3, H412*
ALPHA PINENE	*EINECS NO: 201-291-9* *CAS NO: 80-56-8*	*< 1,0*	*Flam. Liq. 3 – H226* *Skin Sens. 1 – H317* *Skin Irrit. 2 – H315* *Asp. Tox. 1 – H304* *Aquatic Acute 1 – H400* *Aquatic Chronic 1 – H410*
LIMONENE	*EINECS NO: 227-813-5* *CAS NO: 5989-27-5*	*0,1 – 2,0*	*Flam. Liq. 3 / H226* *Skin Irrit. 2 / H315* *Skin Sens. 1 / H317* *Aquatic Acute 1 / H400* *Aquatic Chronic 1 / H410*
LINALOOL	*EINECS NO: 201-134-4* *CAS NO: 78-70-6*	*0,001 – 0,2*	*Eye Irrit. 2A (H319)* *Skin Sens. 1B (H317)* *Skin Irrit. 2 (H315)*
BETA-BISABOLENE	*EINECS NO: 610-461-5* *CAS NO: 495-61-4*	*1,0 – 5,0*	*Asp. Tox. 1 – H304* *Skin Irrit. Cat.2, H315* *Skin Sens. 1B (H317)*
CAROTOL	*EINECS NO: -* *CAS NO: 465-28-1*	*30,0 – 80,0*	*N/A*
TRANS-BETA-FARNESENE	*EINECS NO: 242-582-0* *CAS NO: 18794-84-8*	*1,0 – 5,0*	*Asp. Tox. 1 – H304*
P-CYMENE	*EINECS NO: 202-796-7* *CAS NO: 99-87-6*	*< 1,0*	*Flam. Liq. 3, H226* *Acute Tox. 4, H302* *Asp. Tox. 1, H304* *Skin Irrit. 2, H315* *Aquatic Chronic 2, H411*

MYRCENE	*EINECS NO: 204-622-5* *CAS NO: 123-35-3*	*< 1,0*	*Flam. Liq. 3 / H226* *Skin Irrit. 2 / H315* *Eye Irrit. 2 / H319* *Asp. Tox. 1 / H304* *Aquatic Acute 1 / H400* *Aquatic Chronic 2 / H411*
DAUCENE	*EINECS NO: -* *CAS NO: 16661-00-0*	*1,0 – 5,0*	*N/A*
GERMACRENE	*EINECS NO: 639-624-9* *CAS NO: 23986-74-5*	*0,1 – 1,5*	*Asp. Tox. 1 – H304* *Acute Tox.(O) 4: H302*

4. First Aid Measures

4.1. Description of first aid measures

- General notes : If you feel unwell, seek medical advice (show the label if possible)

- Following inhalation : Inhalation may cause coughing, tightening in chest and respiratory tract irritation. Move the exposed person to fresh air. Seek medical advice if discomfort persists.

- Following skin contact : If necessary, remove contaminated clothing and wash the skin with soap and water. Seek medical advice if you continue to experience discomfort.

- Following eye contact : Immediately rinse thoroughly with water, also underneath eyelids for at least 5 minutes. If symptoms persist, call a physician.

- Following ingestion : No special warnings for have been noted. No harmful effects are expected in quantity that can be swallowed accidentally. Seek medical advice if discomfort occurs.

- Self-protection of first aid provider : Face protective equipment is recommended for the persons giving first aid.

4.2. Most important symptoms and effects, both acute and delayed

Note : Difficulty breathing, cough, allergic reactions

4.3. Indication of any immediate medical attention and special treatment needed

Treatment : No specific antidote available.
Treat symptomatically.
No additional data available

5. Fire-fighting Measures

5.1. Extinguishing media

Suitable extinguishing media	:	Dry chemical powder. Foam. Carbon dioxide Gaseous extinguishing agents, Water mist
Unsuitable extinguishing media	:	Unknown

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	:	Flammable liquid and vapor. Possible formation of toxic gases when heated or in case of fire.
Specific hazards available during fire-fighting	:	No data

5.3. Advice for firefighters

Special protective equipment for firefighters	:	Wear self-contained breathing apparatus. Wear fully protective suit.
Additional data	:	Eliminate all ignition sources if safe. Cool endangered containers with water mist. Fight fire applying the usual precautionary measures from appropriate distance.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For personnel not responsible for emergencies

Protective equipment	:	Wear protective gloves, glasses and appropriate protective clothing. In the event of spillage, be careful of slippery floors and surfaces.
Procedures in case of emergencies	:	Remove ignition sources, provide adequate ventilation, dust control.

6.1.2. For the persons responsible for emergencies

Wear personal protective equipment. Wear protective equipment. Keep unprotected persons away. Provide adequate ventilation. Keep away from ignition sources. Keep away from heat. For large spills, use respiratory protection against exposure to vapors/dusts/aerosols.

6.2. Environmental precautions

Environmental precautions	:	Do not allow to enter drains/surface water or groundwater.

6.3. Methods and materials for containment and cleaning up

6.3.1. For containment	:	Absorb with non-flammable liquid binder material (sand, diatomaceous earth, binder acids, universal binders).
6.3.2. For cleanup	:	Filling with sand or diatomaceous sand, pumping and flushing with water after recovery of specific waste in plastic barrels, labelling, and then transferring them to an approved waste facility.
6.3.3. More information	:	Send for recovery or disposal in appropriate containers.
Methods and materials for containment and cleaning	:	When handling the material use mechanical equipment. Keep in appropriate, closed containers for disposal. Rinse with water.

6.4. Reference to other sections

For personal protection, see Section 8.

7. Handling and Storage

7.1. Precautions for safe handling

Precautions	:	Handle in accordance with industry hygiene and safety regulations. Avoid contact with eyes and skin. In case of emergency, wash your eyes thoroughly and a shower should be immediately available. Keep tightly closed in dry and cool place.
Fire-fighting measures	:	Keep away from ignition sources.
Measures to prevent the transformation of aerosols and dust	:	Ventilation system.
Measures to protect environment	:	Follow the instructions on storage of the product.
Advice on general hygiene of labour	:	Wash your hands before breaks and at the end of the working day. Avoid contact with eyes and skin.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions	:	Store only in the original packing

Packing materials	:	Use packing materials which allow integrity of the product.
Requirements to storage areas or containers	:	Store in tightly closed glass, aluminum or double-lined containers in a dark, cool or refrigerated place, away from direct heat. The floor must be impermeable and form a collection basin so that in the event of an accidental spill, the liquid cannot spread beyond this area.
Storage class	:	No data available
Additional information on storage conditions:		Store in a closed container.
Recommendations for fire and explosions protection	:	Work in a well ventilated area.Vapors is heavier than air. They can spread over the land and form explosive mixtures with the air. Prevent formation of flammable or explosive concentrations in the air and avoid formations of vapor concentrations, higher the occupational exposure limits. Prevent accumulation of electrostatic charges by connection to the earth. Use the mixture in premises where there is not naked flame or other ignition sources and make sure the electric equipment is appropriately protected. Keep packages tightly closed and away from sources of heat, sparks and open flames. Do not use tools that can cause sparks. Don't smoke.
Class of dust explosion	:	No data available
Recommendations for primary: Storage		Keep in dark and cool place.

7.3. Specific end use(s)

Recommendations	:	No data available.
Solutions specific to the industry sector	:	No data available.
Specific use(s)	:	For application in the field of perfumery and cosmetics, independently or as a recipe component included in compositions.

8. Exposure Controls/Personal Protection Equipment

8.1. Control parameters

(R)-p-Mentha-1,8-diene - Index: NA, CAS: 5989-27-5, EC No: 227-813-5
TLV TWA - TLV STEL- VLE 8h- VLE short: None.

Occupational exposure limits on the basis of the data base of international limit values GESTIS

D-Limonene

France *TWA: 1000 mg/m3* *STEL: 1500 mg/m3*	*Germany* *TWA: 5ppm* *STEL: 1500 mg/m3 TWA: 28 mg/m3* *Ceiling / Peak: 20 ppm* *Ceiling / Peak: 112 mg/m3*
Finland *TWA: 25ppm -* *TWA: 140 mg/m3* *STEL: 50ppm* *STEL: 280 mg/m3*	*Switzerland* *TWA: 25ppm -* *TWA: 140 mg/m3* *TEL: 37.5 ppm* *STEL: 175 mg/m3*

Other occupational exposure limits

Information on monitoring procedures
Relevant DNEL-/DMEL-/PNEC and other threshold levels

DERIVED NO EFFECT LEVEL (DNEL)OR DERIVED MINIMUM EFFECT LEVEL (DMEL): LINALOOL(CAS:78-70-6)

FINAL USE:	*WORKERS.*
EXPOSURE METHOD:	*DERMAL CONTACT.*
POTENTIAL HEALTH EFFECTS:	*SHORT TERM SYSTEMIC EFFECTS.*
DNEL:	*5MG/KG BODY WEIGHT/DAY*

EXPOSURE METHOD:	*DERMAL CONTACT.*
POTENTIAL HEALTH EFFECTS:	*SHORT TERM LOCAL EFFECTS.*
DNEL:	*15MG OF SUBSTANCE/CM2*

EXPOSURE METHOD:	*DERMAL CONTACT.*
POTENTIAL HEALTH EFFECTS:	*LONG TERM SYSTEMIC EFFECTS.*
DNEL:	*2.5MG/KGBODY WEIGHT/DAY*

EXPOSURE METHOD:	*DERMAL CONTACT.*
POTENTIAL HEALTH EFFECTS:	*LONG TERM LOCAL EFFECTS.*
DNEL:	*15MG OF SUBSTANCE/CM2*

EXPOSURE METHOD:	*INHALATION.*
POTENTIAL HEALTH EFFECTS:	*SHORT TERM SYSTEMIC EFFECTS.*
DNEL:	*16.5MG OF SUBSTANCE/M3*

EXPOSURE METHOD:	*INHALATION.*
POTENTIAL HEALTH EFFECTS:	*LONG TERM SYSTEMIC EFFECTS.*
DNEL:	*2.8MG OF SUBSTANCE/M3*
FINAL USE:	*CONSUMERS.*

EXPOSURE METHOD:	*INGESTION.*
POTENTIAL HEALTH EFFECTS:	*SHORT TERM SYSTEMIC EFFECTS.*
DNEL:	*1.2MG/KGBODY WEIGHT/DAY*

EXPOSURE METHOD:	*INGESTION.*
POTENTIAL HEALTH EFFECTS:	*LONG TERM SYSTEMIC EFFECTS.*
DNEL:	*0.2MG/KG BODY WEIGHT/DAY*

EXPOSURE METHOD:	*DERMAL CONTACT.*
POTENTIAL HEALTH EFFECTS:	*SHORT TERM SYSTEMIC EFFECTS.*
DNEL:	*2.5MG/KG BODY WEIGHT/DAY*

EXPOSURE METHOD:	*DERMAL CONTACT.*
POTENTIAL HEALTH EFFECTS:	*SHORT TERM LOCAL EFFECTS.*
DNEL:	*15MG OF SUBSTANCE/CM2*

EXPOSURE METHOD:	*DERMAL CONTACT.*
POTENTIAL HEALTH EFFECTS:	*LONG TERM SYSTEMIC EFFECTS.*
DNEL:	*1.25MG/KG BODY WEIGHT/DAY*

EXPOSURE METHOD:	*DERMAL CONTACT.*
POTENTIAL HEALTH EFFECTS:	*LONG TERM LOCAL EFFECTS.*
DNEL:	*15MG OF SUBSTANCE/CM2*

EXPOSURE METHOD:	*INHALATION.*
POTENTIAL HEALTH EFFECTS:	*SHORT TERM SYSTEMIC EFFECTS.*
DNEL:	*4.1MG OF SUBSTANCE/M3*

EXPOSURE METHOD:	*INHALATION.*
POTENTIAL HEALTH EFFECTS:	*LONG TERM SYSTEMIC EFFECTS.*
DNEL:	*0.7MG OF SUBSTANCE/M3*

PREDICTED NO EFFECT CONCENTRATION (PNEC): LINALOOL(CAS:78-70-6)

ENVIRONMENTAL COMPARTMENT:	*SOIL.*
PNEC:	*0.327MG/KG*

ENVIRONMENTAL COMPARTMENT:	*FRESH WATER.*
PNEC:	*0.2MG/L*

ENVIRONMENTAL COMPARTMENT:	*SEA WATER.*
PNEC:	*0.02MG/L*

ENVIRONMENTAL COMPARTMENT:	*INTERMITTENT WASTE WATER.*
PNEC:	*2MG/L*

ENVIRONMENTAL COMPARTMENT:	*FRESH WATER SEDIMENT.*
PNEC:	*2.22MG/KG*

ENVIRONMENTAL COMPARTMENT:	*MARINE SEDIMENT.*
PNEC:	*0.222MG/KG*

ENVIRONMENTAL COMPARTMENT:	*WASTE WATER TREATMENTPLANT.*

PNEC: *10MG/L*

8.2. Exposure controls

8.2.1. Appropriate engineering control

Measures related to the substance/mixture to prevent exposure during identified uses:

Description of the appropriate exposure control measures refers to the identified use(s) of the substance or mixture set out in Subsection 1.2.

This information is sufficient to enable the employer, where appropriate, to assess the risk posed by the presence of the substance or mixture to the health and safety of workers in accordance with Articles 4 to 6 of Directive 98/24/EC and Articles 3 to 5 of Directive 2004/37/EC.

This information is added to the one presented in Section 7.

The usual precautions for handling chemicals should be observed.

Store away from food, drink and feed. Remove all soiled and contaminated clothing immediately. Wash hands before breaks and at the end of work.

Do not breathe gases / vapors / aerosols.

Avoid eye and skin contact.

8.2.2. Personal protective equipment:

8.2.2.1.Eye and face protection: Wear safety goggles. Follow the relevant national guidelines regarding the use of safety glasses.

8.2.2.2.Skin protection

Hand protection: Wear suitable gloves for repeated or prolonged contact.

Other skin protection: Preventive skin protection/ creams/ointments. Spill protection may be required. Protective workwear. In case of contact, all contaminated parts must be washed.

8.2.2.3. Protection of respiratory airways : A NIOSH or EN approved organic vapor respirator equipped with a dust/mist pre-filter must be used.

8.2.2.4. Thermal hazards : None.

8.2.3.Environmental exposure controls	:	Protection from pollution of drainage, surface and ground waters.
Measures related to the substance/mixture to prevent exposure	:	Avoid contact with eyes, skin or clothing. Do not ingest. Avoid contact with food, drinks. Do not eat, drink or smoke during use.
Measures for training related to prevention of exposure	:	Training of personnel by internal schedule.
Organizational measures to prevent exposure	:	Training of personnel
Technical measures to prevent exposure	:	Training of personnel

Environmental exposure controls

General notes	:	Do not discharge into surface water

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	:	clear mobile liquid
Colour	:	light yellow to pale yellow
Odour	:	Characteristic of the carrot, grassy
Odour threshold from our supplier on this matter	:	strong, it is recommended to smell it in 10% solution or less
Flavour	:	of carrot seed
pH	:	No data available
Acid number, KOH/g	:	No data available
Peroxide number, meq O2/kg	:	No data available
Melting point/ freezing point	:	*< -20°C Echa dossier*
Boiling point	:	223.7 ± 0.5 °C at 101.325 kPa *Echa dossier*

Boiling point/ boiling range	:	No data available
Flash point, in °C	:	94.0
Evaporation rate	:	No data available
Flammability (solid substance, gas)	:	No data available
Upper flammability/explosion limit	:	No data available
Lower flammability/explosion limit	:	No data available
Vapour pressure	:	724 Pa at 20 °C and 941 Pa at 25 °C (interpolation) *Echa dossier*
Density of vapours	:	No data available
Relative density	:	No data available
Solubility(ies)	:	insoluble in water, soluble in ethanol, paraffin oil
Insoluble in	:	water, glycerin, propylene glycol
Partition coefficient n-octanol/water	:	No data available
Self-ignition temperature	:	250 °C (between 99,309 and 99,960 Pa.) *Echa dossier*
Thermal decomposition	:	No data available
Viscosity	:	No data available
Explosivity	:	No data available
Oxidizing properties	:	No data available

Other information

Refractive index : at 25°C		1.490 - 1.505
Relative density at 25°C	:	0.920 - 0.950
Optical rotation in °	:	-30.0° to -4.0°

No additional data available.

10. Stability and Reactivity

10.1. Reactivity

Advice	:	Stable under the recommended storage conditions

10.2. Chemical stability

Advice	:	Stable under normal conditions

10.3. Possible hazardous reactions

Hazardous reactions	:	Reacts with oxidizing

10.4. Conditions to avoid

Conditions to avoid	:	Avoid heat, flames and other ignition sources.
Thermal decomposition	:	When heated above the decomposition point, toxic fumes may be released.

10.5. Incompatible materials

Materials to avoid	:	Avoid strong oxidizing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products	:	Carbon monoxide and carbon dioxide - only in case of fire.

11. Toxicological Information

11.1. Information on toxicological effects

Acute toxicity

Carrot oil
Acute toxicity, oral in mice: LD50 > 5000 mg/kg body weight (equivalent or similar to OECD 401, non-GLP, K, Rel. 2)
Echa dossier

Corrosion/Skin irritation

Notes	:	*Carrot oil* *Skin irritation/corrosion: irritant, based on the CLP regulation rules for classification of mixtures.* *Dermal LD50: > 5000 mg/kg [rabbit]*

Serious damage/Eye irritation

Note	:	May cause eye irritation but not sufficient

for classification.

Respiratory or skin sensitization		
Note	:	*At high concentrations the vapours may irritate the throat and respiratory system and cause coughing.* *Skin sensitization: skin sensitizer based on classified ingredients.*
Note	:	*The product contains ingredients which cause allergic reaction in case of skin contact.*

Ingestion		
Note	:	It may be fatal if swallowed and infiltrated into the airways

Mutagenicity of germ cells		
Note	:	No data

Carcinogenicity		
Note	:	No data

Summary of the CMR assessment		
Note	:	No data

STOT (specific target organ toxicity) — single exposure		
Note	:	No data

STOT (specific target organ toxicity) — repeated exposure		
Note	:	No data

Aspiration hazard		
Note	:	No data

Information on possible routes of exposure		
Note	:	Swallowing. Inhalation. Eye contact. Skin contact.

Symptoms related to physical, chemical and toxicological characteristics

Note	:	Toxicological properties are not comprehensively studied

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Note	:	Toxicological properties are not comprehensively studied

Interactions

Note	:	Toxicological properties are not comprehensively studied

Lack of specific data

Note	:	Toxicological properties are not comprehensively Studied

Mixtures

Note	:	Toxicological properties are not comprehensively studied

Medical considerations

Note	:	Persons with a rash are forwarded to a dermatologist to be examined for allergic eczema.

Other information

Note	:	Toxicological classification is based on the information of composition and the available data.

12. Ecological Information

Note	:	Toxic to aquatic organisms with long lasting effects.

12.1. Toxicity

Product:

Acute (short-term) toxicity:

Fish

Note : No data

Toxicity to daphnia and other aquatic invertebrates

Carrot oil
Aquatic invertebrates: 48h EL50 is 11 mg test material/L (lowest acute E(L)C50 value). – Echa dossier

Algae/aquatic plants

Carrot oil
Aquatic algae: 72-h ErL50 is 13 mg test material/L
Echa dossier

Based on these results, the lowest acute E(L)C50 is higher than 1 mg/L.

Bacteria

Note : No data

Chronic (long-term) toxicity:

Note : No data

Fish

Note : No data

Shellfish

Note : No data

Algae/aquatic plants

Note : No data

Other organisms

Note : No data

12.2. Persistence and degradability

Product:

Abiotic degradation

Note : No data

Physical and photo-chemical elimination

Note	:	No data

Biochemical degradation

Biodegradation	:	-
Note	:	Under the conditions of the experimental test carried out in accordance with GLP pursuant to Guidelines OECD 301F, the test element is not considered easily biodegradable. However, on day 60, the degree of decomposition of the test element "CARROT SEED OIL" is above 60%, after ThODNH4. Therefore the substance is not considered resistant. *Echa dossier*

12.3. Bioaccumulation potential

Product:

Partition coefficient n-octanol/water (log Kow)

Note	:	No data

Bioconcentration factor (BCF)

Notes	:	Does not accumulate in biological environment

12.4. Mobility in soil

Product:

Known or predicted distribution in environmental components

Note	:	No data

Surface tension

Note	:	No data

Adsorption/desorption

Note	:	No data

12.5. Results of PBT and vPvB assessment

This product does not contain substances considered highly persistent or highly bioaccumulative vPvB.

This product does not contain substances considered persistent or bioaccumulative, or toxic PBT.

Product:

Results of PBT and vPvB assessment

Notes	:	No data available

12.6. Other adverse effects

Product:		
Biochemical oxygen demand (BOD)		
Value	:	No data available
Chemical oxygen demand (COD)		
Value	:	No data available
Additional ecological information		
Notes	:	Do not discharge into surface water

12.7. Additional information

Notes : Do not discharge into surface water

13. Disposal Considerations

13.1. Waste treatment methods

13.1.1. Disposal of the product/packing

Waste codes/designations according to LoW: -

Product	Disposal together with common waste is permitted.
Contaminated packaging material	No data.
European Catalogue waste number	No waste code can be given for this product according to the European Waste Catalogue since it is related to its potential use. Waste code is given after consultation with the regional waste service

13.1.2. Information on waste treatment — No special requirements.

13.1.3. Information on discharge into drainage — No special requirements.

13.1.4. Other recommendations for waste disposal — No data available.

14. Transport Information

Class 3

14.1. UN number

1197 LIQUID AROMATIC EXTRACTS

14.2. UN proper shipping name

UN1197 DAUCUS CAROTA SATIVA SEED OIL

14.3. Transport hazard class(es)

UN1197

14.4. Packing group

III

14.5. Environmental hazards

14.6. Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II to MARPOL and IBC Code

IMDG not defined

Road transport

ADR not defined

RID not defined

Waterway transport

ADN not defined

Maritime transport

IMDG	not defined

Air transport

IATA/CAO	not defined

Combined Nomenclature (CN) Code **3301++**

15. Regulatory Information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Other regulations / Laws	This safety data sheet is consistent with the Law on Protection from Harmful Effects of Chemicals and Preparations, and the Ordinance on the Classification, Packaging and Labelling
EU legislative acts	accordingly, EU regulations.
Permits or restrictions for use	No data available
Permits	Not required
Restrictions for use	No data available
Other EU legislative acts	According to the effective regulations

Information according to Directive 1999/13/EC on the limitation of emissions of volatile organic compounds (VOC Guide)

Restrictions for use in working environment	No data available
Other legal acts, restrictions and prohibitive standards	No data available

15.2. Chemical Safety Assessment

No data available.
The supplier has not prepared a chemical safety assessment for this substance/mixture.

16. Other information

Shelf life : 30 months from the date of manufacture

Classification and procedure used to obtain the classification of mixtures according to Regulation (EC) No 1272/2008 [CLP]

Indication of changes: Phrases, Allergens and analysis by the company manufacturer

Abbreviations and acronyms:

Abbr.	Description of used abbreviations
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures
ADR	Accord européen relatif au transport international des marchandises dangereuses par route
Aquatic Chronic 3	hazardous to the aquatic environment - chronic hazard
Asp Tox 1	Aspiration hazard
CAS	Chemical Abstracts Service (prepares the most comprehensive list of chemicals)
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
CMR	Carcinogenic, mutagenic and toxic for reproduction (substance)
Corrosion/ irritation 2	Skin irritation
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
EINECS	European Inventory of Existing Commercial Chemical Substances
GHS	Globally Harmonized System of Classification and Labelling of Chemicals developed by the United Nations
IMDG	International Maritime Dangerous Goods Code
IOELV	indicative occupational exposure limit value
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. to Marine Pollutant)
PBT	Persistent, bioaccumulative and toxic
PNEC	Predicted No-Effect Concentration
ppm	parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses
Skin Sens.	Skin sensitization
vPvB	very Persistent and very Bioaccumulative

Main references and sources of data in the literature
- Regulation (EC) No 1907/2006 (REACH), as amended by 2020/878/EU
- Regulation (EC) No 1272/2008 (CLP, EC GHS)

	List of relevant phrases (code and full text as defined in Section 2 and 3)
Code	**Text**
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
H412	Harmful to aquatic life with long lasting effects
EUH 208	Contains Linalool, Limonene, Beta Pinene, Trans-Beta-Farnesene, p-Cymene, Myrcene. May produce an allergic reaction.
	List of Safe Handling Instructions used in the Safety Data Sheet
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children
P103	Read label before use.
P262	Do not get in eyes, on skin, or on clothing.
P233	Keep container tightly closed.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P264	Wash skin on hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
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 or doctor/physician.
P305+P351+ P338	If in eyes: Rinse cautiously with water for several minutes.
P331	Do NOT induce vomiting
P362	Take off contaminated clothing and wash before reuse
P370 +P378	In case of fire: Use dry, chemical powder, foam, CO2 to extinguish
P333+P313	If skin irritation or rash persists: Get medical advice/attention
P302+P352	IF ON SKIN: Wash with plenty of soap and water
P391	Collect spillage
P405	Store locked up.
P501	Dispose of contents/container at an approved disposal site in accordance with local

Other information :

In accordance with general product specification: The information in this material safety data sheet is meant to represent typical data/analysis for this product and was obtained from current and reliable sources.
To the best of our knowledge, data is accurate and based on our knowledge and information, at the time of publication.
The information presented is intended only as a guidance for proper and safe use, handling, storage, transportation and disposal, and should not be considered a guarantee (expressed or implied) or quality specification with respect to the correctness or accuracy.
It is responsibility of the user to determine any safe conditions for use of this product, and to assume responsibility for any loss, injury, damage or expenses resulting from the improper use of this product.
The information relates to the specific product only and is not valid when used in combination with other materials or in any process, unless specified in the text.
The information provided does not constitute a delivery contract; regarding any specification or for a given application, the buyer must determine for himself their requirements and recommendations for use of the product.

Disclaimer :

The data in this Safety Data Sheet correspond to the fair presentation of our experience at the time of printing. The information should give you basic guidelines for safe handling of this product, specified in the Safety Data Sheet, regarding its storage, processing, transport and disposal. Data cannot be assigned to other products.
If the product is mixed or processed with other materials, or if it is subject to processing, the data in this Safety Data Sheet cannot be assigned to the new material unless expressly stated otherwise.

The information presented is intended only as a guidance for proper and safe use, handling, storage, transportation and disposal, and should not be considered a guarantee or quality specification with respect to the correctness or accuracy. Due to the many factors out of our control while using this product we cannot undertake responsibility for accidents, fatalities, losses or damages, caused by its usage.

E N D!

TABLE OF EXTENDED ALLERGEN SUBSTANCES − REGULATION EC 2023/1545

Customer: ALTEYA ORGANICS LLC - 1 Rozovarna St., village of Yagoda, 6167, Stara Zagora
Name of product: Organic Carrot Seed Oil (Daucus carota seed oil)

INCI or GROUPING NAME	1223/2009 N° ANNEX	CAS Number	Concentr. 100% W/W
6−METHYLCOUMARIN	46	92−48−8	–
ACETYL CEDRENE	327	32388−55−9	–
ALPHA ISOMETHYL IONONE	90	127−51−5	-
ALPHA−TERPINENE	131	99−86−5	–
AMYL CINNAMAL	67	122−40−7	–
AMYL SALICYLATE	328	2050−08−0	–
AMYLCINNAMYL ALCOHOL	74	101−85−9	–
ANETHOLE	329	104−46−1 4180−23−8	–
ANISE ALCOHOL	80	105−13−5	–
BENZALDEHYDE	330	100−52−7	–
BENZYL ALCOHOL	45	100−51−6	-
BENZYL BENZOATE	85	120−51−4	–
BENZYL CINNAMATE	81	103−41−3	–
BENZYL SALICYLATE	75	118−58−1	-
BETA−CARYOPHYLLENE	332	87−44−5	-
CAMPHOR	331	76−22−2 464−48−2 464−49−3 21368−68−3	–
CARVONE	333	2244−16−8 6485−40−1 99−49−0	–
CINNAMAL	76	104−55−2	–
CINNAMYL ALCOHOL	69	104−54−1	-
CITRAL	70	5392−40−5 106−26−3 141−27−5	-
CITRONELLOL	86	106−22−9 1117−61−9 7540−51−4 26489−01−0	-
COUMARIN	77	91−64−5	-
DIMETHYL PHENETHYL ACETATE	334	151−05−3	–
EUGENOL	71	97−53−0	-
EUGENYL ACETATE	368	93−28−7	-
FARNESOL	82	4602−84−0	-
GERANIOL	78	106−24−1	-
GERANYL ACETATE	369	105−87−3	-
HEXADECANOLACTONE	335	109−29−5	–
HEXAMETHYLINDANOPYRAN	336	1222−05−5	-
HEXYL CINNAMAL	87	101−86−0	-
HYDROXYCITRONELLAL	72	107−75−5	–
ISOEUGENOL	73	5912−86−7 5932−68−3 97−54−1	-
ISOEUGENYL ACETATE	370	93−29−8	–
LIMONENE	88	5989−54−8 138−86−3 7705−14−8 5989−27−5	0.1-2.0
LINALOOL	84	78−70−6	0.001-0.20
LINALYL ACETATE	337	115−95−7	–
MENTHOL	338	1490−04−6 89−78−1 15356−60−2 2216−51−5	-

METHYL 2−OCTYNOATE	89	111−12−6	–
METHYL SALICYLATE	324	119−36−8	–
PINENE	371	80−56−8 7785−70−8 127−91−3 18172−67−3	-
PROPYLIDENE PHTHALIDE	175	17369−59−4	–
ROSE KETONES	157	23726−91−2 23726−94−5 23726−93−4 24720−09−0 71048−82−3 57378−68−4 23696−85−7 43052−87−5 23726−92−3	-
SALICYLALDEHYDE	340	90−02−8	–
SANTALOL	341	11031−45−1 115−71−9 77−42−9	–
SCLAREOL	342	515−03−7	–
TERPINEOL	343	586−81−2 8000−41−7 98−55−5 10482−56−1 138−87−4	-
TERPINOLENE	133	586−62−9	–
TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES	344	54464−59−4 54464−57−2 68155−67−9 68155−66−8	-
TRIMETHYLBENZENEPROPANOL	345	103694−68−4	-
TRIMETHYLCYCLOPENTENYL METHYLISOPENTENOL	339	67801−20−1	–
VANILLIN	346	121−33−5	–
CANANGA ODORATA OIL/EXTRACT	347	93686−30−7 83863−30−3 68606−83−7 8006−81−3	–
CEDRUS ATLANTICA OIL/EXTRACT	122	8023−85−6 92201−55−3	–
CINNAMOMUM CASSIA LEAF OIL	348	8007−80−5 84961−46−6	–
CINNAMOMUM ZEYLANICUM BARK OIL	349	8015−91−6 84649−98−9	–
CITRUS AURANTIUM BERGAMIA PEEL OIL	352	85049−52−1 68648−33−9 8007−75−8 89957−91−5	–
CITRUS AURANTIUM FLOWER OIL	350	72968−50−4 8028−48−6 8016−38−4	–
CITRUS AURANTIUM PEEL OIL	351	68916−04−1 97766−30−8 72968−50−4 8028−48−6 8008−57−9	–
CITRUS LIMON PEEL OIL	353	8008−56−8 84929−31−7	–
EUCALYPTUS GLOBULUS OIL	355	97926−40−4 8000−48−4	–
EUGENIA CARYOPHYLLUS OIL	356	8015−97−2 84961−50−2 8000−34−8	–
EVERNIA FURFURACEA (TREEMOSS) EXTRACT	92	90028−67−4	–
EVERNIA PRUNASTRI (OAK MOSS) EXTRACT	91	90028−68−5	–
JASMINE OIL/EXTRACT	357	8024−43−9 84776−64−7 8022−96−6 90045−94−6	–
JUNIPERUS VIRGINIANA OIL	358	85085−41−2 8000−27−9	–
LAURUS NOBILIS LEAF OIL	359	8007−48−5 84603−73−6 8002−41−3	–

LAVANDULA OIL/EXTRACT	360	91722−69−9 93455−97−1 92623−76−2 90063−37−9 84776−65−8 93455−96−0 8000−28−0 8022−15−9	−
LEMONGRASS OIL	354	89998−16−3 91844−92−7 8007−02−1	−
LIPPIA CITRIODORA ABSOLUTE	196	8024−12−2 85116−63−8	−
MENTHA PIPERITA OIL	361	84082−70−2 8006−90−4	−
MENTHA VIRIDIS LEAF OIL	362	8008−79−5 84696−51−5	−
MYROXYLON PEREIRAE OIL/EXTRACT	154	8007−00−9	−
NARCISSUS EXTRACT	363	90064−25−8 68917−12−4 90064−27−0 90064−26−9	−
PELARGONIUM GRAVEOLENS FLOWER OIL	364	8000−46−2 90082−51−2	−
PINUS MUGO	109	90082−72−7 8000−26−8	−
PINUS PUMILA	114	97676−05−6	−
POGOSTEMON CABLIN OIL	365	84238−39−1 8014−09−3	−
ROSE FLOWER OIL/EXTRACT	366	84604−12−6 84696−47−9 90106−38−0 93334−48−6 8007−01−0 92347−25−6 84604−13−7	−
SANTALUM ALBUM OIL	367	84787−70−2 8006−87−9	−
TURPENTINE	124	9005−90−7 8052−14−0 8006−64−2	−

According to Regulation EO 1223/2009 and Directive 76/768/EEC, it is hereby amended as follows:
The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds:— **0.001 %** in "**leave-on"** products, (and)— **0.01 %** in **"rinse-off"** products