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MATERIAL SAFETY DATA SHEET

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

Organic German Chamomile Oil

Version 03 | Date of creation: 11.04.2018
Supersedes the version from: 15.04.2022 | Date of new version: 30.09.2024

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

1.1. Product Identifier

Trade name	:	Organic German Chamomile Oil
Substance name (INCI)	:	CHAMOMILLA RECUTITA FLOWER OIL
CAS No	:	8002-66-2
EO No	:	-
Biological origin	:	It is obtained by distillation of organic chamomile flower (fresh or dry) and the whole above-ground part of the plant during flowering.

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

Use of the substance/ mixture	:	For application in the area of food industry, pharmacy, perfumery and cosmetics, independently or as a recipe component, a part of composition.

1.3. Details of the supplier of the safety data sheet

Manufacturer	**:** ALTEYA ORGANICS LLC
Mailing address/Postal code	**: 6167,** village of Yagoda, 1, Rozovarna St.
Country identifier/ Postal code/city or town	**:** Bulgaria
Telephone/Mobile/Fax	**:** +359 700 15 502
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: 02 9154 409; (regular working time, Saturdays and Sundays excluded) or 02 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 according to GHS				
Chapter	**Subsection**	**Class of hazard**	**Class of hazard and category of hazard**	**Hazard statements**
3.10	Inh.	Inhalation hazard	(Asp Tox 1)	H304
3.2	Skin	Skin irritation	Corrosion/irritation 2	H315
3.4	Sens.	Skin sensitization	(Skin sens 1B)	H317
4.1	Chronic	Hazardous for aquatic life	Aquatic Chronic 3	H412

2.1.2. Additional information:

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

2.2. Label Elements

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

Hazard pictograms

GHS07 GHS08

Signal word : Hazardous

Content of dangerous components: Beta-Farnesene, Bisabolol-oxide, Farnesene, Beta - Ocimene, Beta-Caryophyllene, Beta-Pinene, Alpha-Pinene, 1,8-Cineolee, D-limonene

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

Environmental hazard statements H412 Harmful to aquatic life with long lasting effects.
EUH 208 Contain Pinene, D-Limonene, Beta Caryophyllene.
May cause allergic reaction

Safety recommendations

- General P102 Keep out of reach of children
- Prevention P273 Avoid release to the environment.

	P264	Wash hands thoroughly after use.
	P280	Use protective gloves/protective goggles
Safety recommendations		
- As a reaction	P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
	P333 + P313	If skin irritation or rash occurs: Seek medical advice/help.
	P391	Collect spillage.
- In storage	P403+P235	Store in a well-ventilated place. Keep cool.
	P405	Keep locked up.
- In discharge	P501	Dispose of contents/container in an approved place and in compliance with the local and national regulations.

2.3. Other hazards

PBT/vPvB

No data available.

Endocrine disrupting properties

The product does not contain substances with potential for endocrine disruption.

Additional information

No data available

3. Composition/Information on ingredients

3.1. Substances – for mixture see SECTION 3.2.

INGRIDIENT	***IDENTIFIERS***	***%***	***CLASSIFICATION***
Chamomilla Recutita Flower Oil is the volatile oil distilled from the dried flower heads of the Matricaria recutita, syn. Chamomilla recutita (L.), Compositae. ***CHAMOMILLA RECUTITA OIL***	*EINECS NO: -* *CAS NO: 8002-66-2*	*100,0*	*Asp. Tox. 1, H304* *Skin Irrit. 2 – H315* *Skin Sens. 1B – H317* *Aquatic Chronic 3, H412*
TRANS-B-FARNESENE	*EINECS NO: 242-582-0* *CAS NO: 18794-84-8*	*35,0 - 40,0*	*Asp. Tox. 1 – H304*
BISABOLONE OXIDE A	*EINECS NO: -* *CAS NO: 22567-38-0*	*5,0 – 10,0*	*N/A*
A-BISABOLOL OXIDE B	*EINECS NO: -* *CAS NO: 26184-88-3*	*5,0 – 10,0*	*N/A*
CHAMAZULENE	*EINECS NO: 208-449-6* *CAS NO: 529-05-5*	*5,0 – 10,0*	*Aquatic Chronic 3, H412*

GERMACRENE D	*EINECS NO: 639-624-9* *CAS NO: 23986-74-5*	*5,0 – 10,0*	*N/A*
BICYCLOGERMACRENE	*EINECS NO: -* *CAS NO: 24703-35-3*	*5,0 – 10,0*	*N/A*
BISABOLOL-OXIDE	*EINECS NO: -* *CAS NO: 22567-36-8*	*2,5 – 5,0*	*Asp. Tox. 1 – H304* *Skin Irrit. 2 – H315* *Skin Sens. 1B – H317* *Aquatic Chronic 3, H412*
FARNESENE	*EINECS NO: -* *CAS NO: 502-61-4*	*2,5 – 5,0*	*Skin Irrit. 2 – H315* *Skin Sens. 1B – H317*
BETA OCIMENE	*EINECS NO: 237-641-2* *CAS NO: 13877-91-3*	*1,0 – 2,5*	*Flam. Liq. 3 - H226* *Asp. Tox. 1 – H304* *Skin Irrit. 2 – H315* *Aquatic Acute 1 – H400* *Aquatic Chronic 2, H411*
BETA-CARYOPHYLLENE	*EINECS NO: 201-746-1* *CAS NO: 87-44-5*	*1,0 – 2,5*	*Asp. Tox. 1, H304* *Skin Sens. 1, H317*
SABINENE	*EINECS NO: -* *CAS NO: 3387-41-5*	*1,0 – 2,5*	*Flam. Liq. 3, H226* *Acute Tox 4.; H302* *Skin Irrit. 2, H315* *Eye Irrit. 2 / H319* *STOT SE 3; H335*
α – BISABOLOL	*EINECS NO: 208-205-9* *245-423-3* *CAS NO: 515-69-5/* *23089-26-1*	*0,1 – 1,0*	*Aquatic Chronic 3, H412*
.(-)-B-PINENE	*EINECS NO: 242-060-2* *CAS NO: 18172-67-3*	*0,1 – 1,0*	*Flam. Liq. 3; H226* *Asp. Tox. 1; H304* *Skin Irrit. 2; H315* *Skin Sens. 1B; H317* *Aquatic Chronic 1; H410; M = 1*
1,8-Cineolee *EUCALYPTOL*	*EINECS NO: 207-431-5* *CAS NO: 470-82-6*	*0,1 – 1,0*	*Flam. Liq. 3 – H226* *Skin Sens. 1 – H317*
LIMONENE	*EINECS NO: 227-813-5* *CAS NO: 5989-27-5* *601-096-00-2*	*0,1 – 1,0*	*Flam. Liq. 3 – H226* *Asp. Tox. 1 - H304* *Skin Irrit. 2 – H315* *Skin Sens. 1 – H317* *Aquatic Acute 1; H400; M = 1* *Aquatic Chronic 3, H412*
α-PINENE	*EINECS NO: 201-291-9* *CAS NO: 80-56-8*	*0,1 – 1,0*	*Flam. Liq. 3, H226* *Acute Tox 4.; H302* *Asp. Tox. 1, H304* *Skin Irrit. 2, H315* *Skin Sens. 1, H317* *Aquatic Chronic 1; H410; M = 1*

**** The composition of the oil is based on test report No RN10810 / 17.09.2024.**

Substance name	Identifier	Specific concentration limits	M-Factors	ATE	Exposure route
DL-α-pinene	CAS 80-56-8	-	-	1.000 mg/kg	oral
D-(+)-limonene	CAS 5989-27-5		M-Factors (acute) = 1		

4. First Aid Measures

4.1. Description of first aid measures

- General notes : In case of sickness seek medical advice (if possible show the label).
- In case of inhalation : If unwell, provide access to fresh air.
- In case of skin contact : Wash with cool running water and soap. If symptoms of skin irritation (redness) occur seek medical attention.
- In case of eye contact : Immediately rinse thoroughly with water and under the eyelids for at least 5 min. If symptoms persist call a doctor.
- In case of ingestion : No data available.
- Self-protection of emergency staff : Personal protective equipment is recommended for persons first aiders.

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

Symptoms : Risk of inhalation, Irritation, Allergic reactions

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

Treatment : There is no specific antidote. Treat symptomatically.

5. Fire-fighting Measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Extinguishing powder. Carbon dioxide (CO2).

Unsuitable extinguishing media	:	Full water jet

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	:	In the case of a fire, thick black smoke may form. Exposure to products from decomposition may be hazardous to health. In the case of fire, the following may be formed: carbon oxide (CO), carbon dioxide (CO2).

5.3. Advice for firefighters:

Special protective equipment for firefighters	:	Don't inhale the smoke. Do not allow water from extinguishing to enter drains or water sources. Fight fire using the usual precautionary measures from an appropriate distance. Wear self-contained breathing apparatus.
Additional information	:	No information available.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For personnel not responsible for emergencies

Precautionary measures	:	Wear appropriate protective equipment to prevent contamination of skin, eyes and personal clothing. Removal of ignition sources, ensure adequate ventilation, dust control.
Emergency procedures	:	Need to evacuate the hazardous environment or consult an expert.

6.1.2. For the persons responsible for emergencies

Wear personal protective equipment. Move people away from the spill/leak in an upwind direction.
Provide adequate ventilation. For personal protection see SECTION 8.

6.2. Environmental precautions

Environmental protections	:	Contain and control leaks or spills, with non-flammable absorbent materials such as sand, soil, vermiculite, infusible soil in waste disposal drums. Prevent material from entering drains or waterways. In the case of an accident and/or spillage, take measures to locate and contain it. Notify the competent authority, the Regional Environmental Protection Agency.

6.3. Methods and materials for containment and cleaning up

6.3.1. For containment	:	Cover drains. *For large spills:* Contain the spill when using inert absorbent materials (sand, diatomaceous earth or universal). *For small spills:* dilute thoroughly with water and wash off. Contaminated materials to be treated as waste according to SECTION 13
6.3.2. For cleanup	:	To collect and place the spilled material in a container for temporary storage, after which it shall be handed over to persons holding a permit under Article 37 of the Waste Management Act. Ventilate the premises. Treat collected quantities as waste - store temporarily in special, labelled containers and hand over to persons holding a permit under Art. 37 of the Waste Management Act.
6.3.3. Other information	:	No other information available

6.4. Reference to other sections

For personal protective equipment: see SECTION 8.
Waste disposal: see SECTION 13.

7. Handling and Storage

7.1. Precautions for safe handling

Precautions	:	Provide good ventilation. Use general or local exhaust ventilation to prevent inhalation of vapours and aerosols. Requirements related to storage areas apply to all facilities where the substance is handled. Persons with a history of skin sensitization should under no circumstances handle this substance. Always wash hands after handling.

		Work in accordance with industrial hygiene and safety practices. Avoid contact with eyes. Prevent unauthorised access personnel. In case of emergency, wash eyes thoroughly and a station should be immediately available eye/hand/body wash station. Store tightly closed in a cool dry place.
Hygiene measures	:	Maintain good personal hygiene - wash hands before rest and at the end of work. Do not eat, drink or smoke while working. Do not inhale fumes/vapours. Prevent contact with skin, eyes and clothing. Remove contaminated clothing and clean before re-use. Wear personal protective equipment; see section 8.
Fire-fighting measures	:	Provide good ventilation. Store away from ignition sources. Vapors are heavier than air and spread near the floor. Are explosive when mixed with air. Store away from ignition sources.
Measures to avoid transformation into aerosols and powder	:	Use general or local exhaust ventilation, to prevent inhalation of vapors and aerosols.
Environmental precautions:		Protect against contamination of drains, surface water and groundwater.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions	:	Store only in the original packaging, in the dark and in full packages. Avoid contact with air. Avoid extreme temperatures. Store away from oxidizers. The floor must be impermeable and form a receptacle so that in case of accidental spillage the liquid cannot spread beyond.
Recommendations for fire and explosion protection	:	Provide good ventilation. Store away from ignition sources. Vapors are heavier than air and spread near the floor. Are explosive when mixed with air.
Packing materials	:	It is packed in galvanized drums, which must be full or in containers with a varnish coating on the inside or glass containers. If transferring the product it must be in packaging made of identical material to the original. Keep containers tightly closed in a dry and well-ventilated place.

Requirements for the premises storage or containers	:	The premises must be dark and cool. Store in full containers and without contact with air.
Storage class	:	No information available
Dust explosion class	:	No information available
Recommendations for primary storage	:	Store away from oxidizing agents.
Packaging	:	Always store in identical packaging material with the original.
General rules according to		**БДС ISO 210:2023**

7.3. Specific end use(s)

Recommendations	:	No information available
Solutions specific to the industry sector	:	No information available
Specific use(s)	:	For application in the area of food industry, pharmacy, perfumery and cosmetics, independently or as a recipe component, a part of composition.
Additional information:		Follow the regulation relative to the application: • Therapeutic Products Act in case they are advertised as medications and medical products (medicinal effects; health effects). • Food Law and its regulations if advertised as dietary Supplement • The cosmetics product regulations if advertised as cosmetics (for instance perfume, highly diluted essential oils for use on the body as massage oils or bath supplements). • Feed Ordinance if they are advertised as a feed additive. • Biocides Ordinance if advertised as insect repellants. • In all other cases they are subject to Chemicals Ordinance.

8. Exposure Controls/Personal Protection Equipment

8.1. Control parameters

Other occupational exposure limits

Information on monitoring procedures

БДС EN 482:2021 Occupational exposure. Procedures for determining the concentration of chemical agents. General performance requirements. БДС EN 689:2018+AC:2019 Occupational exposure. Measurement of inhalation exposure to chemical agents. Testing strategy for compliance with occupational exposure limit values.

Relevant DNEL-/DMEL-/PNEC and other threshold levels

β-Farnesene
DNEL 0,95 mg/kg bw/day human, dermal industrial worker chronic - systemic effects

α-Pinene
DL-α-pinene 80-56-8 DNEL 3,8 mg/m³ human, inhalation industrial worker chronic - systemic effects
DL-α-pinene 80-56-8 DNEL 0,542 mg/kg bw/day human, dermal industrial worker chronic - systemic effects

beta-Pinene
DNEL 5,69 mg/m³ human, inhalatory industrial worker chronic - systemic effects
DNEL 0,8 mg/kg bw/day human, dermal industrial worker chronic - systemic effects
DNEL 54 µg/cm² human, dermal industrial worker chronic – local effects

***(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.

1,8 cineole (Eucalyptol)
eucalyptol 470-82-6 DNEL 7,05 mg/m³ human, inhalatory industrial worker chronic - systemic effects
eucalyptol 470-82-6 DNEL 2 mg/kg bw/day human, dermal industrial worker chronic - systemic effects

Relevant PNEC- and other threshold levels

Limonene
PNEC 14 µg/l aquatic organisms freshwater short-term (instant)
PNEC 1,4 µg/l aquatic organisms marine water short-term (instant)
PNEC 1,8 mg/l aquatic organisms sewage treatment plant (STP) short-term (instant)
PNEC 3,85 mg/kg aquatic organisms freshwater sediment short-term (instant)
PNEC 0,385 mg/kg aquatic organisms marine sediment short-term (instant)
PNEC 0,763 mg/kg terrestrial organisms soil short-term (instant)

alpha-Pinene
DL-α-pinene 80-56-8 PNEC 0,606 µg/l aquatic organisms freshwater short-term (instant)
DL-α- pinene 80-56-8 PNEC 0,061 µg/l aquatic organisms marine water short-term (instant)
DL-α- pinene 80-56-8 PNEC 0,2 mg/l aquatic organisms sewage treatment plant (STP) short-term (instant)
DL-α- pinene 80-56-8 PNEC 157 µg/kg aquatic organisms freshwater sediment short-term (instant)
DL-α- pinene 80-56-8 PNEC 15,7 µg/kg aquatic organisms marine sediment short-term (instant)
DL-α- pinene 80-56-8 PNEC 31,7 µg/kg terrestrial organisms soil short-term (instant)

1,8 cineole
eucalyptol 470-82-6 PNEC 57 µg/l aquatic organisms freshwater short-term (instant)
eucalyptol 470-82-6 PNEC 5,7 µg/l aquatic organisms marine water short-term (instant)
eucalyptol 470-82-6 PNEC 10 mg/l aquatic organisms sewage treatment plant (STP) short-term (instant)
eucalyptol 470-82-6 PNEC 1,425 mg/kg aquatic organisms freshwater sediment short-term (instant)
eucalyptol 470-82-6 PNEC 0,142 mg/kg aquatic organisms marine sediment short-term (instant)
eucalyptol 470-82-6 PNEC 0,25 mg/kg terrestrial organisms soil short-term (instant)

8.2.1. Appropriate engineering control

Measures related to the substance/mixture to prevent exposure during identified uses : The description of the appropriate exposition control measures refers to the specified in subsection 1.2 identified uses of the substance or the mixture.
Provide adequate ventilation.

8.2.2. Personal protective equipment:
Use personal protective equipment that is clean and properly maintained.
Keep personal protective equipment in a clean place away from the work area. Do not eat, drink or smoke while in use.

8.2.2.1. Eyes/face protection : Avoid eye contact. Use eye protection (safety goggles in accordance with EN166) designed to protect against splashing liquids.

8.2.2.2. Skin protection

Hand protection	:	Use solvent and acid resistant protective gloves according to EN 374. The quality of chemical resistant protective gloves should be selected as a function of the specific concentration of the workplace and the volume of hazardous substances.
Other skin protection	:	Work clothing worn by staff must be washed regularly. After contact with the product, all body parts that have been contaminated should be washed.
8.2.2.3. Respiratory tract protection	:	In case of insufficient ventilation, use appropriate respiratory protection, when A2 type vapours/aerosols are generated
8.2.2.4. Thermal hazards	:	No data available.

8.2.3. Environmental exposure controls

Measures related to substance/ mixture required to avoid exposition	:	No data available.
Training measures related to the avoiding of exposition	:	Staff training as per internal schedule.
Organization measures to avoid exposition	:	Staff training
Technical measures to avoid exposition	:	Staff training

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	:	Viscous liquid. On lowering the temperature it freezes into a unctuous mass
Color	:	Green to blue or dark blue depending on azulene content
Odor	:	Characteristic, thick, chamomile smell
Odor threshold	:	At the moment we have no information

Taste	:	Bitter-aromatic taste
Melting point / freezing point	:	-78,3 - 15,6°C at 953 hPa (ECHA)
Boiling point / boiling range	:	300,1°C at 101,3 kPa (ECHA)
Flammability (solid substance, gas)	:	This material is combustible but will not ignite easily
Upper flammability/ explosion limit	:	Not determined
Lower flammability/ explosion limit	:	Not determined
Flash point, in °C	:	115°C at 101,3 kPa (ECHA)
Autoignition temperature	:	264°C at 971 hPa (ECHA)
Decomposition temperature	:	189,6°C at 101,3 kPa (ECHA)
pH	:	Not determined
Kinematic viscosity	:	Not determined
Solubility in water at 20°C	:	0,0624 g/l at 25°C (ECHA) Soluble in glyceride oils and propylene glycol. Insoluble in glycerol and mineral oils.
Solubility in 70% ethanol	:	1:2
Partition coefficient n-octanol/water Log/Pow	:	3,9 (25°C) (ECHA)
Vapor pressure	:	0,053 Pa at 25°C
Relative density	:	0.905 - 0.950
Relative vapour density	:	No information available for this substance
Characteristics of particles	:	Not applicable (liquid)

Other information

Hamazulene content, in %	:	5,39
Farnesene content, %	:	>30,0
Acid value, mg KOH/g	:	5 to 50
Ester value, mg KOH/g	:	3 to 39
Acetyl value, mg KOH/g	:	66 to 155
Evaporation rate	:	No information available
Saponification value	:	≈ 43
Maximum UV absorption	:	285 nm
Refractive index	:	1.480 - 1.525

10. Stability and Reactivity
10.1. Reactivity

Note	:	This material is not reactive under normal environmental conditions.
When heated	:	Risk of ignition. Vapours may form explosive mixtures with air.

10.2. Chemical stability

Advice	:	Stable under normal conditions

10.3. Possible hazardous reactions

Hazardous reactions	:	Reacts violently with: strong oxidizer.

10.4. Conditions to avoid

Conditions to	:	Keep away from heat. Contact with air. Decomposition starts at temperatures above: 189.6 °C at 101.3 kPa. avoid
Thermal decomposition	:	No data available.

10.5. Incompatible materials

Materials to avoid	:	Avoid contact with strong acids, alkalis and oxidants

10.6. Hazardous decomposition products

Hazardous decomposition products	:	No data available.

11. Toxicological Information

All ingredient values taken below are from literature data

11.1. Information on the hazard classes defined in Regulation (EC) No 1272/2008

Acute toxicity

CHAMOMILLA RECUTITA FLOWER OIL 8002-66-2
LD50 (oral) in mg/kg: > 5000

CHAMOMILLA RECUTITA FLOWER OIL 8002-66-2
LD50 (dermal) in mg/kg: > 5000

Acute toxicity of mixture components

(−)-α-Bisabolol
LD50 Oral - Rat - male and female - > 2.000 mg/kg (OECD Test Guideline 423)

(-)-α-Bisabolol

Value type	*:*	*LD50*
Value	*:*	*15.1 ml/kg*
Biological species	*:*	*Mouse*

Value type	*:*	*LD50*
Value	*:*	*> 5 g/kg*
Biological species	*:*	*rat*

Value type	*:*	*LD50*
Value	*:*	*15.6 ml/kg*
Biological species	*:*	*rat (female)*

Value type	*:*	*LD50*
Value	*:*	*14.9 ml/kg*
Biological species	*:*	*rat (male)*

β- caryophyllene 87-44-5
oral LD50 >5.000 mg/kg mouse

Limonene 5989-27-5
oral LD50 >2.000 mg/kg rat

alpha-pinene
oral ATE 500 mg/kg

Beta-Ocimene
LD50 Oral - Rat - 5.000 mg/kg (OECD Test Guideline 401)
LD50 Skin - Rabbit - > 5.000 mg/kg (OECD Test Guideline 402)

β-Farnesene
inhalation (powder/mist) LC50 >2,06 mg/l/4h rat

1,8 cineole (eucalyptol)
oral LD50 2480 mg/kg

Sabinene
LD50 Oral - Rat - female - 300 - 2.000 mg/kg
(OECD Test Guideline 423)

Acute Parenteral Toxicity

(-)-α-Bisabolol

Value type	*:*	*LD50*
Value	*:*	*633 ml/kg*
Biological species	*:*	*mouse*

Corrosion/Skin irritation

β-Farnesene
dermal LD50 >5.000 mg/kg rabbit

Limonene (Cas:5989-27-5)
Oral Route: LD50= > 5000 mg/Kg
Species: Rabbit

Limonene (Cas:5989-27-5)
Oral Route:LD50= > 5,600 – 6000 mg/Kg
Species: Mouse

Beta-Ocimene
dermal LD50 > 2000 mg/kg

Beta-caryophyllene
dermal LD50 rabbit > 5000 mg/kg

1,8 cineole (eucalyptol)
dermal LD50 > 5000 mg/kg

Notes : Causes skin irritation.

Serious damage/eye irritation

Result : On contact may cause mild to moderate eye irritation.

Respiratory or skin sensitization

Beta-Caryophyllene
Local lymph node assay (LLNA) - Guinea pig Result: positive (OECD Test Guideline 429)
May cause allergic skin reaction

a-pinene
May cause allergic skin reaction. May cause sensitization on skin contact.

beta-Pinene
May cause allergic skin reaction

Note : May cause skin sensitization.

Mutagenicity of germ cells

Sabinene
Laboratory experiments have shown mutagenic effects.
Test Type: Ames test
Test system: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: positive

Carcinogenicity

Note : CAS 5989-27-5: IARC Group 3: The agent cannot be classified as carcinogenic for human.

Reproductive toxicity

Note : No data available

STOT (specific target organ toxicity) — single exposure

Note : No data available

STOT (specific target organ toxicity) — repeated exposure

Note : No data available

Aspiration hazard

Beta-Ocimene
Inhalation LC50 > 20 mg/l

1,8 cineole (eucalyptol)
Inhalation LC50 > 100 mg/l

Note : Breathing high concentrations of vapour may cause anaesthetic effects.

Information on possible routes of exposure

Note : Dermal, Oral.

Symptoms related to physical, chemical and toxicological characteristics

Note : Toxicological characteristics are not comprehensively studied

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

87-44-5 beta-Caryophyllene
Oral, NOAEL: 700 mg/kg (rat) (90 days Schmitt 2016)

Interactions

Note : Toxicological characteristics are not comprehensively studied

Lack of specific data

Note : Toxicological characteristics are not comprehensively studied

Mixtures		
Note	:	Toxicological characteristics are not comprehensively studied

Mixture and substance information		
Note	:	Toxicological characteristics are not comprehensively studied

Other information		
Note	:	It is not used in the first months of pregnancy. In case of overdose, headache, cough, nervous disorder or sensitizing effect are possible.

11.2. Information on other hazards

Note : No information available

11.2.1. Endocrine disrupting properties

Note : No information available

11.2.2. Other information

Note : No information available

12. Ecological information

12.1. Toxicity

Product:

Acute (short-term) toxicity:

Fish

Biological species	:	Leuciscus idus
Exposure time	:	96 h
Value type	:	LC50
Value	:	440 - 760 mg/l
Method	:	DIN 38412

D-(+)-limonene 5989-27-5
LC50 0,46 mg/l fish 96 h

DL-α-pinene 80-56-8
LC50 0,303 mg/l fish 96 h

ß-pinene 127-91-3
LC50 0,68 mg/l rainbow trout (Oncorhynchus mykiss) 96 h

1,8 Cineole - Eucalyptol
LC50 57 mg/l fish ECHA 96 h

Shellfish

Species	:	Daphnia magna
Exposure period	:	72 h
Value type	:	EC50
Value	:	approximately 120 mg/l

(−)-α-Bisabolol
Static test EC50 - Daphnia magna (Water flea) - 2,2 mg/l - 48 h (OECD Test Guideline 202)

Sabinene
EC50 - Daphnia magna (Water flea) - ca. 3.960 mg/l - 48 h (OECD Test Guideline 202)

D-(+)-limonene 5989-27-5
EC50 0,307 mg/l aquatic invertebrates 48 h

β- caryophyllene 87-44-5
EC50 >0,17 mg/l giant water flea 48 h

DL-α-pinene 80-56-8
EC50 0,475 mg/l aquatic invertebrates 48 h

ß-pinene 127-91-3
EC50 1,09 mg/l giant water flea 48 h

Beta-Ocimene
EC50 1.5 mg/l 48 h shellfish Daphnia magna

1,8 Cineole - Eucalyptol
EC50 >100 mg/l aquatic invertebrates ECHA 48 h

Algae/aquatic plants

Species	:	Scenedesmus quadricauda (green algae)
Exposure period	:	168 h

Value type	:	EC0
Value	:	640 mg/l

(−)-α-Bisabolol
ErC50 - Pseudokirchneriella subcapitata (green algae) - 3,8mg/l - 72 h
(OECD Test Guideline 201)

Sabinene
EC50 - Pseudokirchneriella subcapitata - > 1.000 mg/l - 72 h (OECD Test Guideline 201)

D-(+)-limonene 5989-27-5
ErC50 0,32 mg/l algae 72 h

ß- caryophyllene 87-44-5
ErC50 >0,033 mg/l algae 72 h

ß-pinene 127-91-3
ErC50 0,7 mg/l Pseudokirchneriella subcapitata 72 h

1,8 Cineole - Eucalyptol
ErC50 >74 mg/l algae ECHA 72 h

Other organisms

Biological Species	:	Pseudomonas putida
Value type	:	EC0
Value	:	> 10,000 mg/l
Method	:	DIN 3841

(−)-α-Bisabolol
EC10 - Pseudokirchneriella subcapitata (green algae) - 0,76mg/l - 72 h
(OECD Test Guideline 201)

beta-Pinene
EC50 326 mg/l microorganisms ECHA 3 h
Static test EC50 - Sewage sludge - 326 mg/l - 3 h
(OECD Test Guideline 209)

Chronic (long-term) toxicity:

ß-pinene 18172-67-3

May cause long-term adverse effects in the aquatic environment

Fish

D-(+)-limonene 5989-27-5
EC50 <0,67 mg/l fish 8 d

beta-Pinene
May cause long-term adverse effects in the aquatic environment

Shellfish

D-(+)-limonene 5989-27-5
EC50 188 µg/l aquatic invertebrates 21 d

Algae/water plants

Note : No data available

Other organisms

ß-pinene 18172-67-3
EC50 326 mg/l microorganisms ECHA 3 h

ß-pinene 18172-67-3
growth (EbCx) 10% 38 mg/l microorganisms ECHA 3 h

1,8 Cineole - Eucalyptol
EC50 >100 mg/l microorganisms ECHA 3 h

ß-Farnesene
EC50 >1.000 mg/l microorganisms 3 h

12.2. Persistence and degradability

Product: 0,9725 $^{mg}/_{mg}$

Abiotic degradation

No information available.

Degradation of mixture components

D-(+)-limonene 5989-27-5
generation of carbon dioxide 58,8 % 14 d ECHA

D-(+)- limonene 5989-27-5
oxygen depletion 80 % 28 d ECHA

β- caryophyllene 87-44-5
oxygen depletion 10 % 28 d ECHA

DL-α-pinene 80-56-8
oxygen depletion 68 % 28 d ECHA

ß- pinene 127-91-3
oxygen depletion 76 % 28 d ECHA

Physical and photo-chemical elimination

No information available.

Biodegradation:

Not directly biodegradable.

12.3. Bioaccumulation

Product: Does not saturate significantly in organisms

Bioaccumulation

n-octanol/water (log KOW) 3,9 (25 °C) (ECHA)

Bioaccumulation of mixture components:

D-(+)-limonene 5989-27-5
Log Kow 4,38 (pH value: 7,2, 37 °C)

β- caryophyllene 87-44-5
Log Kow 6,23 (pH value: 7, 25 °C)

DL-α-pinene 80-56-8
Log Kow 4,83

1,8 Cineole - Eucalyptol
n-octanol/water (log KOW) 3,4 (ECHA)

Bioconcentration factor (BCF)

Note : No data

12.4. Mobility in soil

Product: No data available

Known or predicted distribution in environmental components		
Note	:	No data available

Surface tension		
Note	:	No data available

Adsorption/desorption		
Note	:	No data available

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, bioaccumulative or toxic PBT

Results of PBT and vPvB assessment		
Notes	:	According to the results of the evaluation, the substance is not PBT or vPvB.

12.6. Endocrine disrupting properties

Notes : No information available

12.7. Other adverse effects

Notes : No data available

12.8. Additional information

Notes : Do not flush in surface water

13. Disposal of Waste

Notes : Dispose of contents/container in accordance with the local/regional/national/international regulation.

13.1. Waste treatment methods

13.1.1. Disposal of product/packing

Codes/designation of waste according to LoW: -

Product	:	No data available.
Contaminated packaging material	:	No data available.
European Waste Catalogue 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	:	Waste must be separated into categories that can be treated separately by local or national waste management authorities. Note any national or regional regulations that are relevant. Emptied and cleaned packaging can be recycled.
13.1.3. Information on discharge in sewer systems	:	Do not discharge to sewer. Do not allow release into the environment see special instructions/safety data sheet.
13.1.4. Other recommendations on waste disposal	:	No data available.

Properties of waste that make it hazardous

HP 5 specific toxicity to certain organs (STOT)/inhalation hazard

14. Transport Information

Not subject to transport regulations

14.1. UN number or ID number

Not applicable

14.2. UN proper shipping name

Not determined

14.3. Transport hazard class(es)

None

14.4. Packing group

Not determined

14.5. Environmental hazards

No environmental hazard acc. Dangerous goods Regulations

14.6. Special precautions for user

No additional information

14.7. Sea transport of cargo in bulk according to instruments of the International Maritime Organization

The cargo is not intended for transport in bulk.

14.8. Information on all UN Model rules
Road, rail and inland water transport of dangerous goods (ADR/RID/ADN) - Additional information

Not subject to ADR, RID and ADN.

International Maritime Dangerous Goods Code (IMDG) - Additional information

Not subject to IMDG

International Civil Aviation Organization (ICAO-IATA/DGR) -Additional information

Not subject to ICAO-IATA

15. Regulatory Information

15.1. Legislation specific for the substance or mixture / safety, health and environmental regulations

The relevant European Union (EU) regulations

Restrictions according to REACH Annex XVII

Restricted Hazardous Substances (REACH, Annex XVII)				
Substance name	**Name in accordance with the inventory**	**CAS No**	**Restriction**	**No**
Oil of chamomile	This product meets the criteria for classification according to Regulation No 1272/2008/EC		R3	3

Legend

R3 1. Shall not be used in:
- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays;
- tricks and jokes;
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

2. Articles not complying with paragraph 1 shall not be placed on the market.

3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they:
- can be used as fuel in decorative oil lamps for supply to the general public, and,
- present an aspiration hazard and are labelled with risk phrase H304.

4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN).

5. Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met:

a) lamp oils, labelled with risk phrase H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: "Keep lamps filled with this liquid out of the reach of children"; and, by 1 December 2010, "Just a sip of lamp oil — or even sucking the wick of lamps — may lead to life-threatening lung damage";

b) grill lighter fluids, labelled with risk phrase H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as follows: "Just a sip of grill lighter may lead to life threatening lung damage";

c) lamp oils and grill lighters, labelled with risk phrase H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010;

List of substances subject to authorization (REACH, Annex XIV)/SVHC - list of candidate substances

Not listed

Seveso Directive

2012/18/EC (Seveso III)			
No	**Hazardous substance/hazard categories**	**Threshold quantity (in tonnes) for the application of the requirements at low and high risk potential**	**Notes**
	not specified		

Deco-Paint Directive

VOC content	24,99 %
VOC content	234,9 g/l

Directive on industrial emissions

VOC content	24,99 %
VOC content	234,9 g/l

Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

Not listed

Regulation concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

Not listed

Water Framework Directive (WFD)

Not listed

Regulation on the marketing and use of explosives precursors

Not listed

Regulation on drug precursors

Not listed

Regulation on substances that deplete the ozone layer (ODS)

Not listed

Regulation concerning the export and import of hazardous chemicals (PIC)

Not listed

Persistent Organic Pollutants (POP) Regulation

Not listed

Other information

Directive 94/33/EC on the protection of young people at work. The restrictions on the employment of pregnant and breast-feeding women according to the Law on the Protection of Women at Work (92/85/EEC) should be observed.

15.2. Chemical Safety Assessment

The supplier had not prepared a chemical safety assessment for this substance/mixture.

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]

Main references and sources of data in the literature

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (Classification, Labelling and Packaging). Regulation (EC) No 1907/2006 (REACH) as amended by 2020/878/EU.

Road, rail and inland waterway transport of dangerous goods (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties. Classification is based on the mixtures tested.
Health hazards. Environmental hazards. The method for classifying mixtures is based on the ingredients of the mixture (additivity formula).

Specifying the changes : Classification, change of allergens according to Regulation EC 2023/1545 and additional product information based on gas chromatographic analysis and latest amendments.

Abbreviations and acronyms:

Abbr.	Description of used abbreviations
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement on the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement on the International Carriage of Dangerous Goods by Road)
Aquatic Chronic 3	hazardous to the aquatic environment - chronic hazard
Asp Tox 1	Inhalation hazard
BCF	bioconcentration factor
BOD	Biochemical Oxygen Demand
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 (Classification, Labelling and Packaging)
CMR	Carcinogenic, mutagenic and toxic for reproduction (substance)
COD	Chemical Oxygen Demand
DGR	Dangerous Goods Regulations (see IATA/DGR))
DMEL	Derived Minimal Effect Level

DNEL	Derived No-Effect Level
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
EmS	Emergency Schedule (Emergency plan)
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" ", developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
log KOW	n-octanol/water
MARPOL	International Convention on Prevention of Pollution from Ships (abbr. to "Marine Pollutant)
NLP	A substance that no longer has the properties of a polymer
PBT	Persistent, bioaccumulative and toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulation on Carriage of Dangerous Goods by Rail)
Skin Sens.	Skin sensitization
Skin Irrit.	Skin irritation
vPvB	very Persistent and very Bioaccumulative
EO No	(EINECS, ELINCS и NLP-list) is the source for the seven-digit EC number, identifier of substances in the commercial network within the EU (European Union)
Index No	the index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008
VOC	Volatile Organic Compounds

Main references and sources of data in the literature

- Regulation (EC) No 1907/2006 (REACH), as amended by (EU) 2020/878

- 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 the respiratory tract
H315	Causes skin irritation
H317	May cause allergic skin reaction
H412	Harmful to aquatic organisms with long-lasting effects
	List of instructions for safe treatment, used in the safety document
P102	Keep away from children
P264	Wash hands thoroughly after handling.
P273	Avoid release in the environment
P280	Use protective gloves/goggles.
P301 + P310	IF SWALLOWED: Immediately call the TOXICOLOGY CENTRE or a physician.
P333 + P313	In case of skin irritation or skin rash: Seek medical advice/help.

P391	Collect spillage.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of the content / container in an approved for disposal place in compliance with the local and national regulations.

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 a 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 it 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 a given application, the buyer must determine for himself the requirements and recommendations for use of the product.

Disclaimer :

The data in this Safety Ordinance 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 Ordinance, 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.

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

The information provided is intended only as a guide to safe handling, use, processing, storage, transportation, disposal and release and should not be considered a warranty or quality specification.
Due to the many factors beyond our control in the use of this product, we cannot accept responsibility for accidents, mishaps, loss or damage caused by its use.

E N D!

TABLE OF EXTENDED ALLERGEN SUBSTANCES – REGULATION EC 2023/1545

Customer: ALTEYA ORGANICS LLC, 1 Rose Field St., 6167, village of Yagoda, Stara Zagora
salesbg@alteya.com, http://alteya.com, +359 700 15 502

Name of product: Chamomilla Recutita Flower Oil – v.03/30.09.2024

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	1,14
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	0,18
LINALOOL	84	78−70−6	-
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	1,34
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 и Directive 76/768/EEC is hereby amended as follows:
The presence of the substance must be indicated in the list of ingredients referred to inArticle 6(1)(g) when its concentration exceeds:— **0,001 %** in "**leave-on**" products, (and)— **0,01 %** in **"rinse-off"** products