



ALTEYA®
organics

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MATERIAL SAFETY DATA SHEET

According to Regulation (EC) No 1272/2008 and Regulation (EC) No 1907/2006 (REACH), as amended by Regulation (EU) 2015/830

Organic Ginger Oil

Version 01

Date: 27.03.2018

Date of amendment: 04.04.2018

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

1.1. Product Identifier

Product : Natural Ginger Oil
name

Substance : ZINGIBER OFFICINALE ROOT OIL
name (INCI)

REACH Registration
No : -

CAS No : 8007-08-7

EC No : -

Biological origin : Volatile oil obtained from dried roots of ginger, Zingiber officinale L., Zingiberaceae.

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 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 : 1 Rose Field Street, Village of Yagoda
6167, Stara Zagora Region, Bulgaria
Country identifier/
Postal code/city or town : Bulgaria
Telephone/Mobile/Fax : +359 700 155 02

**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	Subsec tion	Hazard class	Hazard class and hazard category	Hazard statement
3.10	Inh.	Inhalation hazard	(Asp Tox 1)	H304
3.4	Sens.	Skin sensitization	(Skin sens 1)	H317
4.1	Chronic	Hazardous to the aquatic	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



GHS07 GHS08

Signal word : Hazard

Hazard
statements : H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

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

EUH 208 Contains Limonene, Citral, Linalool, Citronellol, Geraniol. May cause allergic reaction.

Contains: 1,8-cineole, a-farnesene, Alpha pinene natural, AR-Curcumene, a-zingiberene, b-bisabolene, Beta Pinene, b-sesquiphellandrene, Camphene, Myrcene (7-methyl-3-methyleneocta-1,6-diene)

Precautionary statements

Precautionary statements

- general

:

P102

Keep out of reach of children

Precautionary statements

- in prevention

:

P273

Avoid release to the environment.
Wear protective gloves/protective
clothing/eye protection/face
protection.

P280

Precautionary statements

- in response

:

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.
Remove contact lenses, if present
and easy to do. Continue rinsing.

P302+P352

IF ON SKIN: Wash
with plenty of soap and water.

Precautionary statements in

storage

:

P501

Dispose of contents/container
in accordance with local regulations.

2.3. Other hazards

No additional data available.

The substance meets vPvB criteria according to Regulation (EC) No 1907/2006, Annex XIII

3. Composition/Information on ingredients

3.1. Substances/Mixture

Chemical name	CAS No	EINECS/ELINCS No	Concentration/concentration limits (w/w%)	Classification Regulation (EC) No 1272/2008
1.8-Cineole	470-82-6	207-431-5	5.0 – 10.0%	Flam. Liq. 3 - H226 Eye Irrit. 2 - H319
a-farnesene	97885-54-6	-	5.0 – 10.0%	-
Alpha pinene natural	80-56-8	201-291-9	10-20%	Flam. Liq. 3 – H226 Skin Sens. 1 – H317 Skin Irrit. 2 – H315 Asp. Tox. 1 – H304 Aquatic Acute 1 – H400

				Aquatic Chronic 1 – H410
AR-Curcumene	4176-17-4	-	5.0 – 10.0%	-
a-zingiberene	495-60-3	207-804-2	30.0 -70.0%	-
b-bisabolene	495-61-4	-	5.0 – 10.0%	Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304
1.0% beta-Pinene	127-91-3	204-872-5	<1.0%	Flam. Liq. 3 - H226 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 -
b-sesquiphellandrene	20307-83-9	-	10.0 – 30.0%	-
Camphene	79-92-5	201-234-8	5.0 – 10.0%	Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 Aquatic Acute 1 - H400
Limonene	227-813-8	5989-27-5	1 – 5 %	Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 -
Myrcene	123-35-3	204-622-5	< 1.0%	Flam. Liq. 3 - H226 Asp. Tox. 1 – H304 Aquatic Chronic 2 - H412
Citral	5392-40-5	226-394-6	< 5%	Skin Irrit. 2 - H315 Skin Sens. 1 - H317
Linalool	78-70-6	201-134-4	0.2 -2.0 %	Skin Irrit. 2 – H315
Citronellol	106-22-9	203-375-0	0.1 – 0.2%	Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Eye Irrit. 2 - H319 Aquatic Acute 1 - H400
Geraniol	106-24-1	203-377-1	0.1 – 0.2%	Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Eye Dam. 1 –H318

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 : Move the exposed person to fresh air. Seek medical advice if discomfort persists.
- Following skin contact : Remove contaminated clothing. Wash 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 : Drink plenty of water. Do NOT induce vomiting. Seek immediately medical attention.

- 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

Symptoms : No additional data available

Effects : No additional data available

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 : Foam, dry powder, water jet spray.

Unsuitable extinguishing media : Unknown

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products : No data available

Specific hazards during fire-fighting : No data available

5.3. Advice for firefighters

Special protective equipment for firefighters : Foam, dry powder, water jet spray.

Additional data : Fight fire applying the usual precautionary measures at appropriate distance.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For personnel not responsible for emergencies

Precautions : Wear protective gloves, glasses and appropriate protective clothing.

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. Move people away from spillage/leakage against the wind. Avoid formation of dust. For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions : Do not discharge into surface water.

6.3. Methods and materials for containment and cleaning up

6.3.1. For containment : Set up embankments, cover drainage

6.3.2. For cleanup : Absorb with inert, incombustible, inorganic absorbent material, wash and remove in an approved container for disposal. Extinguish all sources of ignition. Avoid sparks, flames, heat and smoking.

6.3.3. More information : No data.

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 : No data.

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 in a tightly closed original container in dry, cool and well ventilated place.
Packing materials	:	Use packing materials which allow integrity of the product.
Requirements to storage areas or containers:		Use local and general ventilation of areas at the recommended temperature and humidity.
Storage class	:	No data available
Additional information for storage conditions:		Store in a closed container.
Requirements to storage areas and containers	:	Store in its original packing only.
Recommendations for protection from fire and explosions	:	None known
Class of dust explosion	:	No data available
Recommendations for primary storage	:	Keep in dark, cool and well ventilated 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 area of perfumery and cosmetics, independently or as a recipe component included in compositions.

8. Exposure Controls/Personal Protection Equipment

8.1. Control parameters

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

No data.

Other occupational exposure limits

(Additional) information : Does not contain substances for which there are standards of data available at workplace.

Information on monitoring procedures

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

- **Values for human health**

No data.

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.

8.2.2. Personal protective equipment: Not required

8.2.2.1. Eye and face protection: Wear safety goggles.

8.2.2.2. Skin protection

Hand protection:

Wear suitable gloves.

Other skin protection:

Preventive skin protection/creams/ointments. Fireproof clothing.

8.2.2.3. Protection of respiratory airways : Not required

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	:	No data available.
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
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9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	:	fluid
Colour	:	pale yellow to yellowish brown, amber
Odour	:	warm, fresh, woody-and-spicy, with a touch of pepper and lemon, somewhat strong smell of ginger
Odour threshold	:	No data available
Flavour	:	spicy
pH	:	No data available
Acid number, KOH/g	:	0 to 2.0
Ester number, KOH/g	:	< 1,0
Content of – Zingiberenes	:	up to 70.0%
Melting point/ freezing point	:	No data available

Boiling point	:	No data available
Boiling point/ boiling range	:	No data available
Flash point, in °C	:	57.0C - 67.0C
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	:	~0.01mmHg@20°C
Density of vapours	:	No data available
Relative density	:	No data available
Solubility (s)	:	soluble in alcohol and oil
insoluble in	:	water
Partition coefficient : n-octanol/water	:	No data available
Self-ignition temperature	:	No data available
Thermal decomposition	:	No data available
Viscosity	:	No data available
Explosivity	:	No data available
Oxidizing properties	:	No data available
Density at 25°C	:	0.896 – 0.947

Other information

Refractive index : at 25°C	1.460 - 1.525
Relative density at 25°C	0.899 - 0.950
Optical rotation in °	-52.0° to -12.0°

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 : Incompatible with acids and bases

10.4. Conditions to avoid

Conditions to avoid : Heat, sparks and open flames.

Thermal decomposition : No data

10.5. Incompatible materials

Materials to avoid : Strong reducing agents. Strong oxidizers.

10.6. Hazardous decomposition products

Hazardous decomposition products : No data

11. Toxicological Information

11.1. Information on toxicological effects

Acute toxicity

Method : LD50
Species : mouse
Routes of exposure : oral
Effective dose : $\geq 5,000$ mg/kg
Exposure time : -

Corrosion/Skin irritation

Method : LD50
Species : mouse
Routes of exposure : dermal
Effective dose : $\geq 5,000$ mg/kg
Exposure time : -

Serious damage/Eye irritation

Result : Splashes and vapours in the eyes may cause irritation and tear secretion.

Respiratory or skin sensitization

Note : The product contains ingredients which cause allergic reaction in case of skin contact.

Ingestion

Note : No data

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 : At high concentrations the vapours may irritate the throat and respiratory system and cause coughing.

Information on possible routes of exposure

Note : No data.

Symptoms related to physical, chemical and toxicological characteristics

Note : Phototoxic. Avoid the sun after application.

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 life, may cause long-lasting adverse effects in aquatic environment.

12.1. Toxicity

Product:

Acute (short-term) toxicity:

Fish

Biological species : -
Exposure time : 96 h
Value type : LC50
Value : -

Method : -

Toxicity to daphnia and other aquatic invertebrates

Biological species : -
Exposure time : 48 h
Value type : LC50
Value : 19.20mg/l
Method : -

Algae/aquatic plants

Biological species : -
Exposure time : 72 h
Value type : LC50
Value : -
Method : -

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 : 98%
Exposure time : 2 days
Note : Biodegradable

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, bioaccumulative, or toxic PBT.

Product:

Results of PBT and vPvB assessment

Notes : No data available

12.6. Other adverse effects

According to the conventional method of Directive 99/45/EC

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 treatment : No data available.

14. Transport Information

Non-hazardous products

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. UN proper shipping name

Not applicable

14.5. Environmental hazard

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II to MARPOL 73/78 and IBC

IMDG Not applicable

Road transport

ADR The product is not hazardous in terms of transport regulations

RID The product is not hazardous in terms of transport regulations

Waterway transport

ADN The product is not hazardous in terms of transport regulations

Maritime transport

IMDG The product is not hazardous in terms of transport regulations

Air transport

IATA/CAO The product is not hazardous in terms of transport regulations

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.

Data in the Safety Data Sheet is based on the presented analyses from tests of the received sample – Protocol No 1416/14.12.2017

(the results of which refer to the test samples only) and complies with the requirements of p.5.10.5 of BS EN ISO/IEC 17025:2006 and with the available information we have.

16. Other information

Shelf life : 30 month 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 : Allergens and analysis by the company manufacturer

Abbreviations and acronyms:

Abbr.	Description of used abbreviations
AND	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
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)
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
vPvB	very Persistent and very Bioaccumulative

(Asp Tox 1). Aspiration hazard

(Skin sens 1). Skin sensitization

Aquatic Chronic 2. Hazardous to the aquatic environment

Main references and sources of data in the literature

- Regulation (EC) No 1907/2006 (REACH), as amended by 2015/830/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
H317	May cause an allergic skin reaction
H412	Harmful to aquatic life with long lasting effects
EUH 208	Contains Limonene, Citral, Linalool, Citronellol, Geraniol. May cause allergic reaction.
	List of Safe Handling Instructions used in the Safety Data Sheet
P102	Keep out of reach of children
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.
P302+P352	IF ON SKIN: Wash with plenty of soap and water
P501	Dispose of contents/container in accordance with local regulations

More 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.

For professional use only. Attention! – avoid exposure – get special instructions before use.

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.

For professional use only. Attention – avoid exposure – get special instructions before use.

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.

E N D!

LIST OF 26 ALLERGEN SUBSTANCES OF THE 7. AMENDMENT OF THE 76/768/CEE DIRECTIVE

Customer: ALTEYA ORGANICS OOD - Stara Zagora, bul. Nikola Petkov No 45-4-22

Name of product: Natural Ginger Oil (Zingiber Officinale Root Oil)

	NAME OF SUBSTANCES	REMARK	CAS No	EINECS No	NATURAL %	SYNTHETIC %	TOTAL %
1	AMYL CINNAMAL	R 43 51/53	122-40-7	204-541-5	-	-	-
2	AMYLCINNAMYL ALCOHOL	R 38-43	101-85-9	202-982-8	-	-	-
3	ANISE ALCOHOL	R 22-41-43	105-13-5	203-273-6	-	-	-
4	BENZYL ALCOHOL	R 20/22	100-51-6	202-859-9	-	-	-
5	BENZYL BENZOATE	R 22	120-51-4	204-402-9	-	-	-
6	BENZYL CINNAMATE	R 43-51/53	103-41-3	203-109-3	-	-	-
7	BENZYL SALICYLATE	R 43-51/53	118-58-1	204-262-9	-	-	-
8	CINNAMAL	R 21-38-43	104-55-2	203-213-9	-	-	-
9	CINNAMYL ALCOHOL	R 43	104-54-1	203-212-3	-	-	-
10	CITRAL	R 38-43	5392-40-5	226-394-6	< 5.0	< 5.0	< 5.0
11	CITRONELLOL	R 38-43-51/53	106-22-9	203-375-0	0.1 – 0.2%	0.1 – 0.2%	0.1 – 0.2%
12	COUMARIN	R 22-43	91-64-5	202-086-7	-	-	-
13	EUGENOL	R 36-43	97-53-0	202-589-1	-	-	-
14	FARNESOL	R 36/38	4602-84-0	225-004-1	-	-	-
15	ALPHA-ISOMETHYL IONONE	R 52/53	127-51-5	204-846-3	-	-	-
16	GERANIOL	R 38-43	106-24-1	203-377-1	0.1 – 0.2%	0.1 – 0.2%	0.1 – 0.2%
17	HEXYL CINNAMAL	R 43	101-86-0	202-983-3	-	-	-
18	HYDROXYCITRONELLAL	R 36-43	107-75-5	203-518-7	-	-	-
19	ISOEUGENOL	R 21/22-36/38-43	97-54-1	202-590-7	-	-	-
20	BUTYLPHENYL METHYLPROPIONAL	R 43	80-54-6	201-289-8	-	-	-
21	LIMONENE	R 10-38-43-50/53	5989-27-5	227-813-5	1.0 – 5.0%	1.0 – 5.0%	1.0 – 5.0%
22	LINALOOL	R 38	78-70-6	201-134-4	0.2 – 2.0%	0.2 – 2.0%	0.2 – 2.0%
23	HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE	R 43	31906-04-4	250-863-4	-	-	-
24	METHYL 2-OCTYNOATE	R 22-43	111-12-6	203-836-6	-	-	-
25	EVERNIA FURFURACEA LICHEN EXTRACT (TREEMOSS EXTRACT)	R 43	90028-67-4	289-860-8	-	-	-
26	EVERNIA PRUNASTRI (OAK MOSS)	R 43	90028-68-5	289-861-3	-	-	-

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