

## MATERIAL SAFETY DATA SHEET

According to Regulation (EC) No 1272 of 2008 and Regulation (EC) No 1907/2006 (REACH), as amended by Regulation (EC) 2017/1510

## **Organic Lemon Oil**

Date of printing: 24.07.2019 Version: 01 Date of creation: 23.07.2019

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

1.1. Product Identifier

Product name Organic Lemon Oil

Name of CITRUS LIMON PEEL OIL

substance (INCI)

Registration number

**REACH** 

CAS No 8008-56-8 / 84929-31-7

EU No - / 284-515-8

Biological origin Obtained by cold pressing the fruits of fresh lemon peel

(Citrus limon (L.), Rutaceae.

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

Use of the substance/

mixture

For application in the sphere of perfumery and cosmetics

independently or as a recipe component,

included in compositions.

Recommended

restrictions on

use

No data available.

1.3. Details of the supplier of the safety data sheet

**Manufacturer** : "ALTEYA ORGANICS" LLC

Postal address/p.c. : 6167, Yagoda village, 1, Rozovarna St.

Stara Zagora Region

**Country identifier/** 

Postal code/settlement Bulgaria

Telephone number/GSM/fax +359 700 15 502

E-mail of the competent person

salesbg@alteya.com

responsible for the Safety

**Data Sheet** 



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

National contact person : Kaloyan Stoev

## 1.4. Emergency telephone number

Clinic of Toxicology at MPHATEM N.I. Pirogov

Emergency telephone number: 02 9154409; (normal working time excluding Saturday and

Sunday) or 02 9154 346 (continuous service) e-mail: <a href="mailto:poison\_centre@mail.orbitel.bg">poison\_centre@mail.orbitel.bg</a>

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					
2.6.	Flam.	Flammable liquids	(Flam. Liq. 3)	H226					
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	Aquatic hazard	Aquatic Chronic 1	H410					

#### **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 to Regulation (EC) No 1272/2008 [CLP] <u>Hazard pictograms</u>









GHS07 GHS09 GHS08 GHS02

Signal word: : Hazardous

Contains : Limonene, pinenes, Citral, myrcene **Hazard statements** : H226 Flammable liquid and vapors.

H304 May be fatal if swallowed and if enters

airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction

Statements on : H410 Very toxic for aquatic environment, with

**environmental** long-lasting effect.

hazards EUH 208 Contains Citral, Limonene, Linalool.

May cause allergic reaction.

**Hazard statements** 

Hazard statements

- General : P102 Keep out of reach of children.



Hazard statements

On prevention P210 Keep away from heat / sparks / open

flame / hot surfaces.

Do not smoke.

P241 Use explosion-proof electrical,

ventilating,

lighting, ...,equipment.

Avoid contact with eyes, skin or P262

clothing.

P273 Avoid release in environment. Use protective gloves/protective P280

clothing/protective

google/protective face mask.

Hazard statements

IF INHALED: Immediately call As a reaction P301+ P310

TOXICOLOGY CENTER or a doctor.

IF CONTACT WITH SKIN (or hair): P303+P361 immediately take off contaminated P353

clothing. Wash skin with water

[or have a shower].

Do NOT induce vomiting. P331

P305+P351+ If contact with eyes: Wash thoroughly

with water for several minutes. P338

Remove contact lenses, if there

are such and if possible. Continue washing.

If stored P403 + P235Store in well ventilated place. Keep in a

cool place.

Hazard statements

P501 On disposal Dispose of the content / container in an

approved disposal place in compliance

with the local and national regulations.

2.3. Other hazards

No other information available.

The substance meets the vPvB criteria according to Regulations (EC) № 1907/2006, annex XIII

3. Composition/information on ingredients

3.1. Substances/mixture



Chemical name	CAS №	EINECS/ ELINCS№	Concentration/ Concentration limits (w/w%)	Classification Regulation (EC) No 1272 of 2008Γ.
(R)-P-Mentha-1,8- Diene	5989-27-5	227-813-5	54,0 – 74,0%	Wng, Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Citral	5392-40-5	226-394-6	1,0 – 6,0%	Skin Irrit. 2, H315 Skin Sens. 1, H317
γ-Terpinene	99-85-4	202-794-6	~ 9.0	Flam. Liq. 3 – H226 Asp. Tox. 1 – H304
Alpha Pinene	80-56-8	201-291-9	~2.5%	Flam. Liq. 3 – H226 Skin Sens. 1 – H317 Skin Irrit. 2 – H315 Asp. Tox. 1 – H304 Aquatic Acute 1 – H400 Aquatic Chronic 1 – H410
β-Pinene	127-91-3	204-872-5	~ 13.0%	Flam. Liq. 3 – H226 Skin Sens. 1 – H317 Skin Irrit. 2 – H315 Asp. Tox. 1 – H304 Aquatic Acute 1 – H400 Aquatic Chronic 1 – H410
Sabinene	3387-41-5	222-212-4	< 5%	Flam. Liq. 3 – H226
Linalool	78-70-6	201-134-4	0,05 - 1.0%	Skin Irrit. 2 – H315

#### 4. First aid measures

## 4.1. Description of first aid measures

- General notes : In case of sickness seek medical advice.

(present label if possible)

- Following inhalation : Move the victim away from exposure source

to fresh air. Seek medical advice.

- Following skin contact : Take off contaminated clothes. Wash skin

immediately with soap and water. If skin

irritation

persists call a doctor.

- Following eye contact : Immediately wash with plenty of water for at least

15 minutes. If symptoms persist, call a doctor.

- Following ingestion : Wash the mouth with water and seek medical advice.

DO NOT INDUCE VOMITING.



- Self-protection of

first aid provider : No information available.

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

Symptoms : May cause a slight headache.

May cause redness of the eyes. May cause a slight skin rash.

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

Treatment : First Aid Specials: places for eye washing

and safety shower should be available in the work area.

## 5. Firefighting measures5.1. Extinguishing media

extinguishing media

Suitable : CO2, dry powder, foam. Use water jet or mist.

Cool the containers with water jet in order to

prevent pressure buildup, self-ignition or

explosion.

Unsuitable : Water jet.

extinguishing media

#### 5.2. Special hazards arising from the substance or mixture

Specific hazards : Vapors may form an explosive mixture with air

firefighting In case of fire the following may be generated: carbon

oxide, carbon dioxide, smoke and soot.

5.3. Advice for firefighters

Special protective : Standard procedure for chemical fires.

equipment for firefighters Spray at the base of the flames. Wear protective

clothing. Avoid inhalation of vapours. Wear suitable respiratory equipment, if insufficient ventilation. Closed containers may build up pressure when exposed to heat and should be

cooled with water jet.

Additional information : Fight fire taking the standard precautions



#### 6. Accidental Release Measures

## 6.1. Personal precautions, protective equipment and procedures for emergencies

## **6.1.1.** For personnel not responsible for emergencies

Protective equipment Wear appropriate protective clothing.

Procedures for emergency

In an emergency (i.e. un-intentional release of the substance exceeding the DNEL) respiratory protection (gas filter A colour code brown) must be worn. Use insulating device for respiratory protection with an independent air supply if:- the concentration is above the usage for filter devices; for oxygen concentrations below 17% volume; in

circumstances unclear.

## 6.1.2. For the persons responsible for emergencies

Use adequate protection: solvent-resistant safety shoes, gloves and goggles. (see

Section 8)

## **6.2.** Environmental precautions

Environmental precautions Do not discharge into sewer systems, water

sources or on the soil. Keep away from

surface water and groundwater.

## 6.3. Methods and materials for containment and cleaning up

6.3.1. For containment Remove ignition sources.

Provide adequate ventilation.

6.3.2. For clean up Absorb using inert, non-combustible, inorganic,

absorbing material, sweep and remove in approved

container for disposal.

6.3.3. Other information Dispose of as directed by local authorities.

## **6.4 Reference to other sections**

See Sections 4, 8 and 13.

## 7. Handling and Storage

## 7.1. Precautions for safe handling



**Precautions** 

Apply good manufacturing and industrial hygiene practices, by providing adequate ventilation in the workplace. Keep original

container closed.

Avoid skin and eye contact. Observe good personal hygiene and do not eat, drink or smoke

at work.

Fire-fighting measures : Keep away from heat, sparks and open flames.

Avoid exposure to high temperatures during

processing.

Measures to prevent the

transformation of aerosols and

powder : Provide appropriate ventilation.

Measures to protect

environment : Follow directions for storage

Advice on general

occupational hygiene : Wash your hands before breaks and at the

end of the working day. Avoid eye and skin contact.

## 7.2. Conditions for safe storage, including any incompatibilities

Technical measures and

storage conditions : Store in stainless steel drums, preferably in an

inert atmosphere (e.g. nitrogen) protected from

daylight.

Store in a dry, aerated place (between 5 - 20°C),

away from heat and ignition sources.

Packing materials : Use packing materials preserving the integrity

of the product.

Requirements concerning

storage premises or vessels : Use local and general ventilation of the premises at the

recommended temperature and humidity.

Storage class : No information available.

Additional information on

storage conditions : Store in a closed container.

Requirements for storage areas



and containers : Keep only in original container.

Recommendations for protection from fire and

explosions

Not known.

Class of dust explosion : No information available.

Recommendations for

basic storage : Store in a dark and cool place.

7.3. Specific end use(s)

Recommendations : No information available.

Solutions specific for

industry sector : No information available.

Specific use(s) : For application in the sphere of perfumery and

cosmetics independently or as a recipe component, included in compositions.

## 8. Exposure Controls/Personal Protection Equipment

## 8.1. Control parameters

Does not contain substances with occupational exposure limits.

## Other occupational exposure limits

(Additional) : Doesn't contain substances characterized with

information occupational exposure limits.

## Information on observation procedures Relative DNEL-/DMEL-/PNEC and other threshold levels

**PNEC** 

Water : Water (freshwater): 5,4 µg / 1

Water (sea water): 0.54 µg / 1

Water (intermittent release): 577 µg / 1

Sediment (freshwater): 1.3 mg / kg sediment dw Sediment (sea water): 0,13 mg / kg sediment dw

Sewage treatment plant: 2.1 mg/l

Soil : 0,261 mg/kg soil dw



Alteya's Campus, Village of Yagoda 6167, St.Zagora Region, Bulgaria | +359 700 15 502 | info@alteya.com | AlteyaOrganics.com Oral : 13,3 mg / kg (source CSR)

## 8.2. Exposure control

## **8.2.1.** Appropriate engineering controls

Measures related to the substance/mixture used to prevent explosions during

identified uses : No additional data available

8.2.2. Personal protective equipment

8.2.2.1. Eye and face protection

goggles

Avoid contact with eyes. Wear approved safety

with built in frame tested to EN166.

8.2.2.2. Skin protection

Hand protection

gloves

Avoid contact with skin. Wear chemical resistant

(PVC) tested to EN374.

Other skin protection

splashes.

Wear apron or protective clothing in case of

8.2.2.3. Respiratory tract

protection : Avoid breathing vapours. Respiratory equipment

should not be necessary with adequate ventilation.

8.2.2.4. Thermal hazards : Avoid static discharges in the work area.

8.2.2.5. Other protection : Good personal hygiene practices are always advisable,

especially when working with chemicals / oils.



Alteya's Campus, Village of Yagoda 6167, St.Zagora Region, Bulgaria | +359 700 15 502 | info@alteya.com | AlteyaOrganics.com Keep away from foodstuffs, beverages and feed.

8.2.3. Environmental exposure

control : Avoid discharge in drainage waters.

For disposal use only authorized companies.

Measures concerning the substance/

mixture required to

prevent exposure : No data available.

Training measures

on prevention of exposure

schedule.

Training of staff according company

Organizational measures on

prevention of exposure : Training of staff.

Engineering measures on

prevention of exposure : Training of staff.

#### **Environmental exposure control**

Basic instructions : No additional data available

## 9. Physical and chemical properties

## 9.1. Information on the basic physical and chemical properties

Appearance : mobile, clear liquid

/When cooled it becomes cloudy and sometimes forms a sludge/

Color : yellow-greenish.

Odor : fresh, citrus, characteristic of fresh lemon

peel

Taste : tangy

Acid value, KOH/g : up to 2,0

Carbonyl value, mg KOH/g : 6-17



Odor threshold : No data from our supplier on this matter

pH : No data available.

Solubility in  $P_{90}$ % ethanol : 1: 7 - 12

Solubility in P<sub>95</sub>% ethanol : 1: 3

Melting point /

freezing point : No data available.

Boiling point :  $\sim 170^{\circ}\text{C} \pm 10^{\circ}\text{C}$  @ 1026hPa

Boiling point /

boiling range : No data available.

Ignition point in  $^{\circ}$ C : 53,0 $^{\circ}$ C

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.

Vapor pressure at 20°C : ~1.0mmHg at 20°C

Solubility : 1:10 in 96% ethanol.

Density of vapors : No data available.

Relative density : No data available.

Solubility (s) : in glacial acetic acid and in other oils

Insoluble in : water

Partition coefficient

n-octanol/water Log/Pow : No data available.

Auto-ignition temperature : ~235 °C

Decomposition temperature : No data available.

Explosive properties : No data available.



Oxidizing properties : No data available.

Other information

Refraction index at 20°C : 1,4690 - 1.4790

Relative density at  $20^{\circ}$ C : 0,8470 - 0,8750

Optical rotation in  $^{\circ}$  :  $+57^{\circ}$  up to  $+70^{\circ}$ 

Residue after evaporation in %: 1,5-4,0

No other information available.

10. Stability and reactivity10.1. Reactivity

Advice : Presents no significant reactivity hazards, by

itself or

in contact with water. Stable under normal

temperature and storage conditions and

recommended

use.

10.2. Chemical stability

Advice : Stable under normal temperature and storage

conditions and recommended use.

10.3. Possible hazardous reactions

Hazardous reactions : Not expected under normal temperature conditions

and recommended use.

10.4. Conditions to void

Conditions to avoid : Avoid heat, sparks and open flames.

Thermal decomposition : No data available.

10.5. Incompatible materials

Materials to be avoided : Avoid contact with strong acids, alkalis



## 10.6. Hazardous decomposition products

Hazardous decomposition

conditions products combustion Not expected under normal temperature

and recommended use. In case of

CO2 and CO may be released.

## 11. Toxicological information

## 11.1. Information on toxicological effects

## **Acute toxicity**

Method : LD50
Species : rat
Routs of expositure : oral

Effective dose : 5000mg/kg

Exposure time : -

## **Skin Corrosion/irritation**

Method : LD50
Species : rabbit
Routs of expositure : dermal
Effective dose : 10000mg/kg

Exposure time : -

Notes : Causes skin irritation (H315).

## Serious damage/irritation of eyes

Result : Not classified as irritating to eye (source CSR, but

may cause irritation.

## Respiratory or skin sensitization

Note : May cause an allergic skin reaction (H317).



Alteya's Campus, Village of Yagoda 6167, St.Zagora Region, Bulgaria | +359 700 15 502 | info@alteya.com | AlteyaOrganics.com **Ingestion** Note No specific hazard under normal use. Mutagenicity of germ cells Note : No data available. Carcinogenicity Note : No data available. Summary of the assessment of CMR properties No data available. Note STOT (specific target organ toxicity) — single exposure No data available. Note STOT (specific target organ toxicity) — repeated exposure Note No data available. **Aspiration hazard** May be fatal if swallowed and enters airways Note (H304).Information on possible routes of exposure No data available. Note



Note	: Toxicological properties are not comprehensively explored.
Delayed and in	nmediate effects as well as chronic effects from short and long- term exposure
Note	: Toxicological properties are not comprehensively explored.
	Interactions
Note	: Toxicological properties are not comprehensively explored.
	Lack of specific data
Note	: Toxicological properties are not comprehensively explored.
	Mixtures
Note	: Toxicological properties are not comprehensively explored.
	Medical considerations
Note	: People having rash are directed to dermatologist to be examined for allergic eczema.
	Other information
Note	: The toxicological classification is based on the content information and the information available.

## 12. Ecological information



Alteya's Campus, Village of Yagoda 6167, St.Zagora Region, Bulgaria | +359 700 15 502 | info@alteya.com | AlteyaOrganics.com Note : Very toxic for aquatic life with long-lasting effect.

<b>Product:</b>	
	Acute (short-term) toxicity:
	Fish
Note	: LC50 for freshwater fish: 0.341 mg/l (Source CSR)
,	Toxicity to Daphnia and other aquatic invertebrates
Note	: EC50/LC50 for fresh water invertebrates; 0.313 mg/(source CSR).
	Algae/aquatic plants
ote SR).	: EC50/LC50 for freshwater algae: 0.523 mg/l (sourc
	Bacteria
ote	: No data available.
	Chronic (long-term) toxicity:
ote	: No data available.
	Fish
ote	: No data available.
	Shellfish
ote	: No data available.
	Algae/aquatic plants
ote	: No data available.



## Other organisms

Note : No data available.

## 12.2. Persistence and degradability

# Product: Abiotic degradability

Note : To be considered as readily biodegradable based on its

ready biodegradability. Oil does not fulfil the criteria

for persistence.

## Physical and photo-chemical elimination

Note : No data available.

## **Biochemical degradation**

Note : Considered as a readily biodegradable NCS. Based on

the ready biodegradability of the NCS, simulation tests in surface water, sediment and soil are not required in accordance with column2 of REACH Annex IX.

## 12.3. Bioaccumulation

Product: H410 very toxic to aquatic life with long lasting effects.

## Partition coefficient n-octanol/water (log Kow)

Note : No data available.

## **Bioconcentrtion factor (BCF)**

Notes : Doesn't accumulate in biological environment.

## 12.4. Mobility in soil

## Product:

Known or predicted distribution in environmental components

Note : No data available.

**Surface tension** 

Note : No data available.

## Adsorption/desorption



## 12.5. Results of PBT and vPvB assessment

material

This product	doesn't o	ontain suh	tances cons	sidered ner	eistent hi	ioaccumulativ	e or toxic PBT.
THIS DIOGUCE	. aoesii i c	ontain subs	Mances Cons	sidered ber	SISLEIII. DI	юассининану	COLIOXIC PDI

Product:							
Results of PBT and vPvB assessment							
Notes	:	No data available.					
12.6. Other adverse effects							
Product:	:	1 1 (DOD)					
В	lochemical	l oxygen demand (BOD)					
Value	:	No data available.					
	Chemical o	oxygen demand (BOD)					
Value	:	No data available.					
Δ d.	ditional int	formation/Mobility in soil					
Au	uitionai iii	tormation/witobility in son					
Notes	:	Do not discharge into the environment especially no into waterways, sewers and the sea.					
12.7. Additional information							
Notes:	:	No data available.					
13. Disposal considerations 13.1. Waste treatment methods 13.1.1. Disposal of product/pack	sing						
Codes/designation of the wa	aste accord	ling to LoW: -					
Product regulations.	:	No data available.					
Contaminated packing	:	No data available.					



European : No waste code can be given to this product Waste Catalogue according to the European Waste Catalogue

number 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 treating : Collect waste into suitable containers and

contact hazardous chemical disposal company. Containers must be completely

empty before disposal.

13.1.3. Information on

discharge in the sewer

system : Do not release into the environment.

13.1.4. Other recommendations

on waste disposal : No data available.

## 14. Transport information

Class 3

#### 14.1. UN number

1169 AROMATIC LIQUID EXTRACTS

## 14.2. UN proper shipping name

UN1169 CITRUS LIMON PEEL OIL

## 14.3. Transport hazard class(es)

UN1169

## 14.4. Packing group

III

#### 14.5. Environmental hazard





Environmentally Hazardous Substance/Marine Pollutant.

## 14.6. Special precautions for user

Tariff code: 3301131000. This product contains flammables and dangerous products for the environment. In case on pouring out, make sure the new packagings are correctly labeled. Reproducing original label with relevant symbols.

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

Notes : No data available



Transport Icon:

Class: 3 Flammable liquid

**Road transport** 

ADR Class: 3 Flammable liquid

RID Class: 3 Flammable liquid

TUNNEL CODE (D/E)

Waterway transport

**ADN** 

Class: 3 Flammable liquid

**Maritime transport** 

**IMDG** 

Class: 3 Flammable liquid

EmFS F-E,S-D



## Air transport

IATA/CAO

Class: 3 Flammable liquid

TRAVELLER AIRPLANE

**PACKING** 

INSTRUCTION 355

TRAVELLER AIRPLANE

MAXIMUM QUANTITY 60L

**CARGO AIRPLANE** 

**PACKING** 

INSTRUCTION 366

CARGO AIRPLANE

MAXIMUM QUANTITY 220L

## 15. Regulatory Information

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

Other regulations / : This safety data sheet is consistent with

the Law on Protection from Harmful Effects of

Chemicals and the Ordinance on

Classification,

Packaging and Labelling

EU legislative acts According to the regulations of EU.

Permits or

Laws

restrictions for use : No information available.

Permits : No information available.

Restrictions for use No information available.

Other legal acts

of EU Regulation (EC) No 1907/2006 of the European

Parliament and of the Council of 18 December 2006

concerning the Registration, Evaluation,

Authorisation and Restriction of Chemicals (REACH),

establishing a European Chemicals Agency.



Alteya's Campus, Village of Yagoda 6167, St.Zagora Region, Bulgaria | +359 700 15 502 | info@alteya.com | AlteyaOrganics.com volatile organic compounds (VOC Guide)

Restrictions for use in

working environment : No information available.

Other legal acts, restrictions and prohibitive

standards : No information available.

## 15.2. Chemical Safety Assessment

No data available.

#### 16. Other information

Shelf life : 2 years following the date of manufacture.

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

#### 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 concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
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 (CLP)
CMR	Carcinogenic, mutagenic and toxic for reproduction (substance)
DMEL	Derived Minimal Effect Level (Получена минимална действаща доза/концентрация)
DNEL	Derived No-Effect Level
EINECS	European Inventory of Existing Commercial Chemical Substances
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals"
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 (предполагаема недействаща концентрация)
ppm	parts per million (части на милион)
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals



RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International Carriage of Dangerous Goods by Rail)
vPvB	very Persistent and very Bioaccumulative

Flammable liquid (Flam. Liq. 3) Aspiration hazard (Asp Tox 1) Skin irritation Corrosion/irritation 2 Skin sensitization (Skin sens 1). Aquatic hazard Aquatic Chronic

## 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				
H226	Flammable liquid and vapors.				
H304	May be fatal if swallowed and if enters the airways.				
H315	Causes skin irritation.				
H317	May cause an allergic skin reaction.				
H410	Very toxic to aquatic life with long lasting effects.				
EUH 208	Contains Citral, Limonene, Linalool. May cause allergic reaction.				
	List of instructions for safe handling, used in the safety document				
P102	Keep away from children.				
P210	Keep away from heat/sparks/naked flames/hot surfaces. Do not smoke.				
P241	Use explosion-proof electrical, ventilating, lighting,,equipment.				
P262	Avoid contact with eyes, skin or clothing.				
P273	Avoid releasing in environment				
P280	Use protective gloves/protective clothing/protective goggles/ protective face mask				
P301 + P310	IF SWALLOWED: Immediately call the TOXICOLOGY CENTER or a doctor.				
P303 + P361	IF CONTACT WITH SKIN (or hair): immediately take off the contaminated				
P353	clothing. Rinse the skin with water [or take a shower]				
P305+P351+	IF CONTACT WITH EYES: Wash thoroughly with water for several minutes.				
P338	Remove the contact lenses if there are such and if possible. Continue washing.				
P331	Do NOT induce vomiting				
P403 + P235	Store in well ventilated place. Keep in a cool place.				
	Dispose of the content / container at a disposal site approved according 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



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

END!



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

Customer: "ALTEYA ORGANICS" LLC – Yagoda village, Stara Zagora, 1. "Rozovarna" St. Name of product: Natural Organic Lemon Oil (CITRUS LIMON PEEL OIL)

	NAME OF SUBSTANCES	REMARK	CAS	EINECS №	NATURAL	SYNTH	TOTAL
			Nº		%	ETIC	%
1	AMYL CINNAMAL	H317; H411	122-40-7	204-541-5	_	%	-
2	AMYLCINNAMYL ALCOHOL	H315; H317	101-85-9	202-982-8	_	_	_
3	ANISE ALCOHOL	H302; H318	105-13-5	203-273-6	_	_	_
	7 I VISE 7 ILEONOL	H317	103 13 3	203 273 0			
4	BENZYL ALCOHOL	H332; H302	100-51-6	202-859-9	-	-	-
5	BENZYL BENZOATE	H302	120-51-4	204-402-9	-	-	-
6	BENZYL CINNAMATE	H317; H411	103-41-3	203-109-3	-	-	-
7	BENZYL SALICYLATE	H317; H411	118-58-1	204-262-9	-	-	-
8	CINNAMAL	H312; H315	104-55-2	203-213-9	-	-	-
		H317					
9	CINNAMYL ALCOHOL	H317	104-54-1	203-212-3	-	-	-
10	CITRAL	H315; H317	5392-40-5	226-394-6	1,0-6,0	-	1,0-6,0
11	CITRONELLOL	H315; H317	106-22-9	203-375-0	-	-	-
		H411					
12	COUMARIN	H302; H317	91-64-5	202-086-7	-	-	-
13	EUGENOL	H319; H317	97-53-0	202-589-1	-	-	-
14	FARNESOL	H315; H319	4602-84-0	225-004-1	-	-	-
15	ALPHA-ISOMETHYL IONONE	H412	127-51-5	204-846-3	-	-	-
16	GERANIOL	H315; H317	106-24-1	203-377-1	-	-	-
17	HEXYL CINNAMAL	H317;	101-86-0	202-983-3	-	-	-
18	HYDROXYCITRONELLAL	H319; H317	107-75-5	203-518-7	-	-	-
19	ISOEUGENOL	H312; H302	97-54-1	202-590-7	-	-	-
		H319; H315					
		H317					
20	BUTYLPHENYL	H317	80-54-6	201-289-8	-	-	-
	METHYLPROPIONAL (LILIAL)						
21	LIMONENE	H226; H315 H317: H411	5989-27-5	227-813-5	54,0 – 74,0	-	54,0 – 74,0
22	LINALOOL	H315	78-70-6	201-134-4	0,05-1,0	-	0.05 - 1.0
23	HYDROXYISOHEXYL 3-	H317	31906-04-4	250-863-4	-	-	-
	CYCLOHEXENE						
	CARBOXALDEHYDE (LYRAL)						
24	METHYL 2-OCTYNOATE	H302; H317	111-12-6	203-836-6	-	-	-
25	EVERNIA FURFURACEA	H317	90028-67-4	289-860-8	-	-	-
	LICHEN EXTRACT (TREEMOSS						
	EXTRACT)						
26	EVERNIA PRUNASTRI (OAK	H317	90028-68-5	289-861-3	-	-	-
	MOSS)						

## 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