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MATERIAL SAFETY DATA SHEET

According to Regulation (EC) No 1272 of 2008 and Regulation (EU) 2015/830

Organic Black Pepper Oil

Version 01

Date: 04.02.2020

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

1.1. Product Identifier

Trade name	:	Organic Black Pepper Oil
Substance name (INCI)	:	PIPER NIGRUM FRUIT OIL
REACH Registration No	:	-
CAS No	:	84929-41-9
EO No	:	284-524-7
Biological origin	:	It is produced by distillation of dried immature fruits of tropical and multiyear liana (Piper nigrum L.), Piperaceae family.

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 cosmetics, independently or as a recipe component, a part of composition.
Recommended restrictions on use	:	No data available

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 9154409; (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 GHS				
Chapter	Subsection	Class of hazard	Class of hazard and category of hazard	Hazard statements
3.2	Skin	Skin irritation	Corrosion/irritation 2	H315
3.4	Sens.	Skin sensitization	(Skin sens 1)	H317
3.3	Eye	Serious eye damage / eye irritation	(Eye Dam. 1)	H318
4.1	Chronic	Hazardous for aquatic life	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 Regulation (EC) No 1272/2008 [CLP]

Hazard pictograms


GHS07 GHS09

Signal word : Warning

Hazard statements : H315 Causes skin irritation
H317 May cause allergic skin reaction
H318 Causes serious eye damage

Hazard statements concerning



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environment

: H410 Very toxic to aquatic life with long-lasting effects.

EUH 208 Contains Linalool, Limonene.
May cause allergic reaction.

Safety recommendations

Safety recommendations

- General

P102 Keep out of reach of children

Safety recommendations

- Prevention

P273 Avoid release to the environment.
P280 Use protective gloves / protective clothing
/ protective goggles / protective face mask.

Safety recommendations

- As a reaction

P305+ P351+ P338 If eye contact: Rinse thoroughly with water for several minutes. Remove contact lenses if there are such and if possible. Continue rinsing.

P333 + P313 If skin irritation or rash occurs: Seek medical advice/help.

Safety recommendations

- In discharge

P501 Dispose of contents / container in an approved place and in compliance with the local and national regulations.

2.3. Other hazards

No other information available.

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

3. Composition/Information on ingredients

3.1. Substances/ Mixture

INGRIDIENT	IDENTIFIERS	%	CLASSIFICATION
PIPERINE	EINECS NO: 202-348-0 CAS NO: 94-62-2	4,0 – 10,0	Acute Tox.: Oral, Cat. 3, H301
LIMONENE	EINECS NO: 227-813-5 CAS NO: 5989-27-5	8,7 – 23,0	Flam. Liq. 3 – H226 Skin Irrit. 2 – H315 Skin Sens. 1 – H317 Asp. Tox. 1 – H304



			Aquatic Acute 1 – H400 Aquatic Chronic 1 – H410
B-PHELLANDRENE	EINECS NO: 209-081-9 CAS NO: 555-10-2	0,2 – 27,0	Flam. liq. Cat. 3, H226 Asp. haz., Cat. 1, H304
Delta-3-Carene	EINECS NO: 236-719-3 CAS NO: 13466-78-9	0,2 – 38,0	Flam. Liq. 3: H226 Asp. haz., Cat. 1, H304 Skin Sens. 1: H317 Aquatic Chronic 2, H411
SABINENE	EINECS NO: - CAS NO: 3387-41-5	0,2 – 29,0	Flam. liq. Cat. 3, H226 Asp. haz., Cat. 1, H304 Skin Irrit. 2 – H315 Eye Irrit. 2 - H319 STOT - sing. exp., Cat. 3, H335
α -PINENE	EINECS NO: 201-291-9 CAS NO: 80-56-8	0.3– 13.0	Acute Tox. Oral 5 (H303) Skin Sens. 1B (H317) Skin Irrit. 2 (H315) Asp. Tox. 1 (H304) Flam. Liq. 3 (H226) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
b-PINENE	EINECS NO: 204-872-5 CAS NO: 127-91-3	2,0 – 15,8	Flam. Liq. 3 – H226 Skin Sens. 1 – H317 Skin Irrit. 2 – H315 Asp. Tox. 1 – H304 Aquatic Acute 1 – H400 Aquatic Chronic 1 – H410
b-Caryophyllene	EINECS NO: 201-746-1 CAS NO: 87-44-5	5,3 – 41,5	Asp. Tox. 1 (H304)
LINALOOL	EINECS NO: 201-134-4 CAS NO: 78-70-6	0,1 – 1,0	Acute Tox. Oral 5 (H303) Eye Irrit. 2A (H319) Flam. Liq. 4 (H227) Aquatic Acute 3 (H402) Skin Sens. 1B (H317) Skin Irrit. 2 (H315)

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 : Immediately remove the exposed individual away from the source of exposition to fresh air. If any discomfort



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persists seek medical advice.

- In case of skin contact : Immediately remove contaminated clothing and wash skin with soap and water. If any discomfort persists seek medical advice.
- In case of eye contact : Immediately start rinsing the eyes with plenty of water for at least 15 min. Remove the contact lenses. Immediately seek medical advice. Continue rinsing.
- In case of ingestion : Do not induce vomiting. Immediately rinse mouth and provide fresh air. If symptoms persist seek medical advice.
- Self-protection of emergency staff : No additional data available

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

- Symptoms : Causes skin irritation. May cause allergic reaction.
- Effects : No additional data available

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

- Treatment : There isn't a specific antidote.
Treat symptomatically.

5. Fire-fighting Measures

5.1. Extinguishing media

- Suitable extinguishing media : Carbon dioxide (CO₂), dry powder, foam.
- Unsuitable extinguishing media : Water spray.

5.2. Special hazards arising from the substance or mixture

- Hazardous combustion products : In case of heating or fire toxic gases can be formed.
- Specific hazards : No data available.



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during fire-fighting

5.3. Advice for firefighters:

Special protective equipment for firefighters	:	Use appropriate respiratory equipment. Wear fully protective clothing.
Additional data	:	Fight fire using the usual precautionary measures from an appropriate distance.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For personnel not responsible for emergencies

Personal precautionary measures, protective equipment and emergency procedures :	Wear personal protective clothing as described in SECTION 8 of this Material Safety Data Sheet. Handle the product using protective gloves, resistant to the exposed chemicals. Avoid skin contact and inhaling the vapors or the smoke. Maintain adequate ventilation in operating area after spillage.
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6.1.2. For the persons responsible for emergencies

Wear personal protective equipment. Keep people away from the spill/leak upwind. For personal protective see SECTION 8.

6.2. Environmental precautions

Environmental protections	:	Avoid discharge in sewer system, water basins or on the soil.
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6.3. Methods and materials for containment and cleaning up

6.3.1. For containment	:	Cover with inert, inorganic, nonflammable absorbing material (dry lime, sand, soda ash). Place in closed containers, using tools that do not cause sparking and transport to an opened place. Avoid open flames or ignition sources.
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6.3.2. For cleanup : Dispose following applicable laws and regulations.

6.3.3. More information : Wear personal protective clothing as described in SECTION 8 of this Material Safety Data Sheet.

6.4. Reference to other sections

For personal protective equipment: see SECTION 8.

7. Handling and Storage

7.1. Precautions for safe handling

Precautions : Keep away from food and drinks.
Avoid skin and eye contact. Handle observing the rules of the good hygiene and safety practice. Provide adequate ventilation in operating area.

Fire-fighting measures : Store away from ignition sources.

Measures to avoid transformation into aerosols and powder : No data available.

Environmental precautions: Follow the instructions for storing the product.

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 the product in original container, tightly closed in a dry, well ventilated place away from ignition sources and protected from light.

Packing materials : Packaged in containers of aluminum or white tin, which must be full, tightly closed and sealed.



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Requirements to storage

areas or containers : Use local and general ventilation of the premises at the recommended temperature and humidity.

Storage class : No data available

Recommendations for fire and explosion protection : None known.

Recommendations for primary storage : Store in a dark and cool place.

It is recommended to follow the requirements concerning according to **ISO/TS 210:2015.**

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, a part of composition.

8. Exposure Controls/Personal Protection Equipment

8.1. Control parameters

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

Other occupational exposure limits

Information on monitoring procedures

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

- **Values for human health**

DERIVED NO EFFECT LEVEL (DNEL)OR DERIVED MINIMUM EFFECT LEVEL (DMEL):



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LINALOOL(CAS:78-70-6)

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

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

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

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

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

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

FINAL USE: CONSUMERS.
EXPOSURE METHOD: INGESTION.
POTENTIAL HEALTH EFFECTS: SHORT TERM SYSTEMIC EFFECTS.
DNEL: 1.2MG/KG BODY WEIGHT/DAY

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

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

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

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

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

EXPOSURE METHOD: INHALATION.
POTENTIAL HEALTH EFFECTS: SHORT TERM SYSTEMIC EFFECTS.



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DNEL: **4.1MG OF SUBSTANCE/M₃**

EXPOSURE METHOD: **INHALATION.**

POTENTIAL HEALTH EFFECTS: **LONG TERM SYSTEMIC EFFECTS.**

DNEL: **0.7MG OF SUBSTANCE/M₃**

PREDICTED NO EFFECT CONCENTRATION (PNEC):

LINALOOL(CAS:78-70-6)

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

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

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

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

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

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

ENVIRONMENTAL COMPARTMENT: **WASTE WATER TREATMENT PLANT.**
PNEC: **10MG/L**

8.2. Exposure controls

8.2.1. Appropriate engineering control

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

: The description of the appropriate exposure control measures refers to the specified in subsection 1.2 identified uses of the substance or the mixture. This information is sufficient to make it possible for the employer, when appropriate, to assess the risk caused by the presence of the substance or the mixture for the health and safety of employees according articles 4—6 of Directive 98/24/EC and articles 3—5 of Directive 2004/37/EC. This information supplements the information presented in SECTION 7. Provide adequate ventilation. Good practices of personal hygiene are always recommended especially when handling chemicals / oils.



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8.2.2. Personal protective equipment:

8.2.2.1. Eyes and face protection: Wear approved protective goggles.

8.2.2.2. Skin protection

Hand protection : Wear chemical resistant gloves (PVC) to avoid skin contact.

Other skin protection: Wear suitable clothing to prevent any skin contact.

8.2.2.3. Respiratory tract protection : In case of high concentrations use respiratory equipment.

8.2.2.4. Thermal hazards : There aren't such.

8.2.3. Environmental exposure controls : Avoid disposal in drainage waters. To be eliminated by authorized companies only.

Measures related to substance/
mixture required to avoid
exposition : No data available.

Training measures related to
the avoiding of exposition : Training of the staff is organized according to
a company schedule.

Organization measures to avoid
exposition : Training of staff

Technical measures to avoid
exposition : Training of staff

Environmental exposure controls

Basic guidelines : Do not wash-off in surface waters.



9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	:	easy flowing liquid
Color	:	colorless to pale greenish
Odor	:	strong, pungent, spicy pepper scent with a slight turpentine note
Taste	:	soft
Odor threshold	:	No data from our supplier on this matter
pH	:	No data available
Melting point / Freezing point	:	No data available
Boiling point	:	No data available
Boiling point / boiling range	:	No data available
Ignition point in °C	:	90.0°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	:	No data available
Solubility(ies)	:	in ethanol, essential oils, fat-soluble
Insoluble in	:	water
Partition coefficient		



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

Autoignition temperature : No data available

Decomposition temperature : No data available

Explosivity : No data available

Oxidizing properties : No data available

Other information

Refractive index at 20°C : 1.468-1.488

Relative density at 20°C : 0.860-0.884

Optical rotation at ° : -12,6°

No other information available.

10. Stability and Reactivity

10.1. Reactivity

Advice : Stable under the recommended storage conditions.

10.2. Chemical stability

Advice : Stable under the recommended storage conditions.

10.3. Possible hazardous reactions

Hazardous reactions : No data available.

10.4. Conditions to avoid

Conditions to avoid : Avoid heat, flames and other ignition sources. Do not store near heat, sparks, open flames. Avoid prolonged exposure to air to minimize product degradation.

Thermal decomposition : Thermal decomposition can release / form carbon monoxide (CO) and carbon dioxide (CO₂).

10.5. Incompatible materials

Materials to avoid : Avoid contact with strong acids and alkalis.

10.6. Hazardous decomposition products

Hazardous decomposition products : When exposed to high temperatures, the substance can release hazardous products due to the decomposition, such as carbon oxide, carbon dioxides, smoke and nitrogen monoxide.

11. Toxicological Information

All the values of the ingredients, presented below are from literature data. No toxicological information for the mixture itself is available.

11.1. Information on toxicological effects

Acute toxicity

D-LIMONENE(CAS:5989-27-5)

ORAL ROUTE: LD50= 4,400 - 5,10MG/KG

SPECIES : Rat

LINALOOL(CAS:78-70-6)

ORAL ROUTE: LD50=2200MG/KG

SPECIES: MOUSE

OECDGUIDELINE 401(ACUTE ORAL TOXICITY)

Corrosion/Skin irritation

D-LIMONENE(CAS:5989-27-5)

ORAL ROUTE: LD50= > 5000MG/KG

SPECIES : Rabbit

D-LIMONENE(CAS:5989-27-5)

ORAL ROUTE: LD50= > 5,600 - 6000MG/KG

SPECIES : Mouse

LINALOOL(CAS:78-70-6)

DERMAL ROUTE :LD50=5610MG/KG

SPECIES: RABBIT

OECDGUIDELINE 402(ACUTE DERMAL TOXICITY)

LINALOOL(CAS:78-70-6)



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IRRITATION: AVERAGE SCORE = 1.85

EFFECT OBSERVED : ERYTHEMA SCORE

SPECIES : RABBIT

DURATION OF EXPOSURE : 24HOECDGUIDELINE 404(ACUTE DERMAL IRRITATION /CORROSION)

Notes : Irritating to skin and mucous membranes.

Serious damage/eye irritation

Result : Causes serious eye irritation.

LINALOOL(CAS:78-70-6)

CORNEAL HAZE: AVERAGE SCORE =1

SPECIES : RABBIT

DURATION OF EXPOSURE : 24HOECDGUIDELINE 405 (ACUTE EYE IRRITATION /CORROSION)

IRITIS: AVERAGE SCORE =0.6

SPECIES : RABBIT

DURATION OF EXPOSURE : 24HOECDGUIDELINE 405(ACUTE EYE IRRITATION /CORROSION)

CONJUNCTIVAL REDNESS: AVERAGE SCORE =2.3

SPECIES : RABBIT

DURATION OF EXPOSURE : 24HOECDGUIDELINE 405(ACUTE EYE IRRITATION /CORROSION)

Respiratory or skin sensitization

Result : May cause allergic reaction if skin contact.

Ingestion

Note : No data available.

Mutagenicity of germ cells

Note : No data available.

Carcinogenicity

Note : CAS 5989-27-5: IARC Group 3: The agent cannot be



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classified in connection with its carcinogenicity to
people.

Summary of the assessment of CMR properties

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

Note : No data available.

Information on possible routes of exposure

Note : No data available

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

Note : Toxicological characteristics are not comprehensively studied



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

Medical consideration

Note : The persons having rash are directed to dermal specialist to be examined for allergic eczema.

Other information

Note : No data available

12. Ecological information

Note : Very toxic to aquatic organism with long-time adverse effect in the aquatic environment. Avoid releasing in environment.

12.1. Toxicity

Product:

Acute (short-term) toxicity:

Fish

LINALOOL(CAS:78-70-6)

FISH TOXICITY:

DURATION OF EXPOSURE :96H

LC50=27.8MG/L

SPECIES :ONCORHYNCHUS MYKISS

OECDGUIDELINE 203(FISH,ACUTE TOXICITY TEST)



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Toxic for Daphnia and other aquatic invertebrates

LINALOOL(CAS:78-70-6)

CRUSTACEAN TOXICITY DURATION OF EXPOSURE :48H

EC50=59MG/L

SPECIES :DAPHNIA MAGNA

OECDGUIDELINE 202(DAPHNIA SP.ACUTE)

Algae/aquatic plants

LINALOOL(CAS:78-70-6)

IMMOBILISATION TEST

ALGAE TOXICITY:

DURATION OF EXPOSURE :96H

ECr50=88.3MG/L

SPECIES :DESMODESMUS SUBSPICATUS

OTHER GUIDELINE

Bacteria

Note : No data available

Chronic (long-term) toxicity:

Note : No data available

Fish

Note : No data available

Shellfish

Note : No data available

Algae/water plants

Note : No data available

Other organisms



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Note : No data available

12.2. Persistence and degradability

Product:

Abiotic degradation

Note : No data available

Physical and photo-chemical elimination

Note : No data available

Biochemical degradation

Note : No data available

12.3. Bioaccumulation

Product:

Partition coefficient n-octanol/water (log Kow)

Note : No data available

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 available

Surface tension

Note : No data available

Adsorption/desorption

Note : No data available

12.5. Results of PBT and vPvB assessment

This product doesn't contain substances considered highly persistent nor highly bioaccumulative vPvB.

This product doesn't contain substances considered persistent, bioaccumulative or toxic PBT.

Product:

Results of PBT and vPvB assessment

Notes : No data available

12.6. Other adverse effects

Product:

Biochemical oxygen demand (BOD)

Value : No data available

Chemical oxygen demand (COD)

Value : No data available

Additional ecological information/Mobility in soil

Notes : No data available

12.7. Additional information

Notes : Avoid release of products in streams, sewer systems or other water routes.

13. Disposal of Waste

13.1. Waste treatment methods

13.1.1. Disposal of product/packing

Codes/designation of waste according to LoW: -

Product : Do not re-use the empty containers.

Contaminated packaging : No data available.

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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 : Dispose in accordance with all local and national regulations.

13.1.3. Information on discharge in sewer systems : Avoid disposal of product in streams, channels or other water routes.

13.1.4. Other recommendations on waste disposal : No data available.

14. UN number

3082

14.1. UN number

3082

14.2. UN proper shipping name



3082 HAZARDOUS SUBSTANCES IN TERMS OF ENVIRONMENT, LIQUID, n.o.s.

14.3. Transport hazard class(es)

Class 9, Pack,gr.III

14.4. Packing group



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Class 9, Pack,gr.III

14.5. Environmental hazards



14.6. Special precautions for user

None known

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

Road transport

ADR

3082 HAZARDOUS SUBSTANCES IN TERMS OF
ENVIRONMENT, LIQUID, n.o.s.

RID

Waterway transport

ADN

3082 HAZARDOUS SUBSTANCES IN TERMS OF
ENVIRONMENT, LIQUID, n.o.s.

Maritime transport

IMDG

3082 HAZARDOUS SUBSTANCES IN TERMS OF
ENVIRONMENT, LIQUID, n.o.s.

Air transport

IATA/CAO

3082 HAZARDOUS SUBSTANCES IN TERMS OF
ENVIRONMENT,LIQUID, n.o.s.

15. Regulatory Information

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

Other regulations / :
Laws

This safety data sheet is consistent with
the Law on Protection from Harmful Effects of Chemicals 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 : 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 had not prepared a chemical safety assessment for this substance/mixture.

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]

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)
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)
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level



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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 on 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 (Regulation on Carriage of Dangerous Goods by Rail)
vPvB	very Persistent and very Bioaccumulative

Skin irritation	Corrosion/irritation 2
Skin sensitization	(Skin sens 1)
Serious eye damage/eye irritation	(Eye Dam, 1)
Hazardous for aquatic life	Aquatic Chronic 1

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
H315	Causes skin irritation
H317	May cause allergic skin reaction
H318	Causes serious eye damage
H410	Very toxic for aquatic life with long-lasting effect
EUH208	Contains Linalool, Limonene. May cause allergic reaction.
	List of instructions for safe treatment, used in the safety document
P102	Keep away from children
P273	Avoid releasing in environment
P280	Use protective gloves/protective clothing/protective goggles/facial mask.
P333 + P313	In case of skin irritation or rash: seek medical advice/help.
P305 + P351 + P338	IF CONTACT WITH EYES: Rinse thoroughly with water for several minutes. Remove the contact lenses if there are such and if possible. Continue rinsing.
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:



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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 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 LLC, 1 ROSE FIELD STREET, 6167, VILLAGE OF YAGODA, STARA ZAGORA REGION

Name of product: Organic Black Pepper Oil (Piper Nigrum Fruit Oil)

	NAME OF SUBSTANCES	REMARK	CAS №	EINECS №	NATURAL %	SYNTHETIC %	TOTAL %
1	AMYL CINNAMAL	H317; H411	122-40-7	204-541-5	-	-	-
2	AMYL CINNAMYL ALCOHOL	H315; H317	101-85-9	202-982-8	-	-	-
3	ANISE ALCOHOL	H302; H318 H317	105-13-5	203-273-6	-	-	-
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 H317	104-55-2	203-213-9	-	-	-
9	CINNAMYL ALCOHOL	H317	104-54-1	203-212-3	-	-	-
10	CITRAL	H315; H317	5392-40-5	226-394-6	-	-	-
11	CITRONELLOL	H315; H317 H411	106-22-9	203-375-0	-	-	-
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 H319; H315 H317	97-54-1	202-590-7	-	-	-
20	BUTYLPHENYL METHYLPROPIONAL (LILIAL)	H317	80-54-6	201-289-8	-	-	-
21	LIMONENE	H226; H315 H317; H411	5989-27-5	227-813-5	8,7 – 23,0	-	8,7 – 23,0
22	LINALOOL	H315	78-70-6	201-134-4	0,1 – 1,0	-	0,1 – 1,0
23	HYDROXYISOHEXYL 3- CYCLOHEXENE CARBOXALDEHYDE (LYRAL)	H317	31906-04-4	250-863-4	-	-	-
24	METHYL 2-OCTYNOATE	H302; H317	111-12-6	203-836-6	-	-	-
25	EVERNIA FURFURACEA LICHEN EXTRACT (TREETMOSS EXTRACT)	H317	90028-67-4	289-860-8	-	-	-
26	EVERNIA PRUNASTRI (OAK MOSS)	H317	90028-68-5	289-861-3	-	-	-

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 in Article 6(1)(g) when its concentration exceeds:— **0,001 %** in “leave-on” products, (and)— **0,01 %** in “rinse-off” products