



ALTEYA[®]
o r g a n i c s

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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 Juniper Berry Oil

Version 01

Date: 10.04.2018

Date of print: 10.04.2018

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

1.1. Product Identifier

Product name	:	Organic Juniper Berry Oil
Substance name (INCI)	:	JUNIPERUS COMMUNIS OIL
REACH Registration No	:	-
CAS No	:	8002-68-4 / 73049-62-4 / 84603-69-0
EC No	:	- / - / 283-268-3
Biological origin	:	The oil comes from the mature cones of common juniper Juniperus communis L. ISO 8897:2010

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, St. Zagora Region
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
2.6.	Flam.	Flammable liquids	(Flam. Liq. 3)	H226
3.1	Oral	Acute toxicity (oral)	Acute Tox.4	H302
3.2	Skin	Skin irritation	Corrosion/irritation 2	H315
3.4	Sens.	Skin sensitization	(Skin sens 1)	H317
3.3	Eye	Eye irritation	(Corrosion)Damage / Irritation. 2A	H319
4.1	Chronic	Hazardous to the aquatic	Aquatic Chronic.1	H410

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



GHS02 GHS08 GHS07 GHS09

Signal word : Hazard

Environmental
statements

: H226 Flammable liquid and vapour.
H302 Harmful if swallowed
H315 Causes skin irritation.
H317 May cause allergic skin reaction.
H319 Causes serious eye irritation

Environmental
hazard
statements

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

EUH 208 Contains Limonene

May cause allergic reaction.

Contains: alpha-Pinene, beta-Pinene, beta Caryophyllene

Precautionary statements

Precautionary statements

- general :

P102 Keep out of reach of children

Precautionary statements

- in prevention :

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements

- in response :

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 Do NOT induce vomiting.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

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

P362 Take off contaminated clothing and wash before reuse.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

Precautionary statements in storage :

P501 Dispose of contents/container to a place authorized for disposal in accordance with local and national 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
Alpha Pinene	80-56-8	201-291-9	~ 44.0 %	Flam. Liq. 3 – H226 Skin Sens. 1 – H317 Skin Irrit. 2 – H315 Asp. Tox. 1 – H304 Aquatic Acute 1 – H400 Aquatic Chronic 1 –
Sabinene	-	-	0.8 – 16.5%	Skin Irrit. 2 – H315 Eye Irrit. 2 - H319
Beta-phellandrene	555-10-2	209-081-9	~3.0	Acute Tox.Oral 4 – H302 Skin Irrit. 2 – H315
beta Caryophyllene	87-44-5	201-746-1	1 – 5 %	Asp. Tox. 1 – H304
alpha-Terpineol	98-55-5	202-680-6	1 – 5 %	Skin Irrit. 2 – H315 Eye Irrit. 2 - H319
Camphene	79-92-5	201-234-8	1 – 5 %	Flam. Sol. 1 – H228 Eye Irrit. 2 – H319 Aquatic Acute 1 – H400
Beta Pinene	127-91-3	204-872-5	30.0 – 40. %	Flam. Liq. 3 – H226 Skin Sens. 1 – H317 Skin Irrit. 2 – H315 Asp. Tox. 1 – H304 Aquatic Acute 1 – H400 Aquatic Chronic 1 –
Terpinolene	586-62-9	209-578-0	< 1.0	Asp. Tox. 1 – H304 Skin Sens. 1 – H317 Aquatic Chronic 1 –
p-Cymene	99-87-6	202-796-7	< 1.0	Flam. Liq. 3 – H226 Asp. Tox. 1 – H304 Skin Irrit. 2 – H315 Eye Irrit. 2 – H319 STOT SE 3 -H335 Aquatic Chronic 2 – H411
Myrcene	123-35-3	204-622-5	< 1.0	Flam. Liq. 3 – H226 Asp. Tox. 1 – H304 Skin Irrit. 2 – H315 Skin Sens. 1B – H317 Eye Irrit. 2 H319 Aquatic Acute 1 – H400
Limonene	5989-27-5	227-813-5	5.87 %	Flam. Liq. 3 – H226 Skin Irrit. 2 – H315 Skin Sens. 1 – H317 Asp. Tox. 1 – H304 Aquatic Acute 1 – H400 Aquatic Chronic 1 –

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 attention.
- Following skin contact : Immediately remove contaminated clothing and wash the skin with soap and water. Seek medical advice if you continue to experience discomfort.
- Following eye contact : Immediately rinse thoroughly with water, also underneath eyelids for at least 15 minutes. Remove contact lenses and continue to rinse. Get medical advice/attention.
- Following ingestion : Do not induce vomiting. Ingestion may cause nausea and vomiting. Immediately rinse mouth and provide fresh air.
Seek medical advice/attention if symptoms persist.
- 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 : Carbon dioxide (CO₂). Powder. Foam.
- Unsuitable extinguishing media : Full water jet

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	:	In case of fire, toxic vapours, such as carbon monoxide and carbon dioxide, may be released. Burning creates strong fume.
Specific hazards during fire-fighting	:	No data available

5.3. Advice for firefighters

Special protective equipment for firefighters	:	Fight fire applying the usual precautionary measures at appropriate distance
Additional data :		Move undamaged containers from the zone of immediate danger if this can be done safely. Use appropriate breathing apparatus. Wear suitable self-protection equipment.

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 clothing as described in Section 8 of this Material Safety Data Sheet. Handle the product using protective gloves resistant to the exposed chemicals. Avoid contact with skin, eyes and clothing.
Procedures in case of emergencies	:	Provide adequate ventilation

6.1.2. For the persons responsible for emergencies

Wear personal protective equipment.

6.2. Environmental precautions

Environmental precautions	:	Do not discharge into drains, waterways or on the ground. Keep away from surface and underground waters.
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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	:	Cover with inert, inorganic, non-flammable absorbing material (e.g. dry lime, sand, soda). Place in covered containers using non-sparking tools and

transport in the open air. Dispose of in accordance with applicable laws and regulations

6.3.3. More information : No data.

Methods and materials for : No data.
containment and
cleanup

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 good industry and good hygiene practice and provide adequate ventilation at the workplace. Keep the original container closed. Avoid skin and eye contact. Ensure good personal hygiene and do not eat, drink or smoke while working. Keep away from heat, sparks and open flame. Avoid exposure to high temperatures during handling.

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 : Keep the container tightly closed in a dry, ventilated area, away from potential sources of ignition and away from sunlight.

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 and cool place.

7.3. Specific end use(s)

Recommendations	:	No data available.
Solutions specific to the industry sector	:	No data available.
Specific use(s)	:	For application in the 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.
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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:	Gloves, safety goggles, work clothing
8.2.2.1. Eye and face protection:	Wear approved safety goggles
8.2.2.2. Skin protection	
Hand protection:	Wear chemical-resistant gloves (PVC), tested according to EN374.
Other skin protection:	Wear suitable clothing to avoid any possible skin contact.
8.2.2.3. Protection of respiratory airways :	At high concentrations use breathing equipment.
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 :	Good personal hygienic practices are always recommended, especially when handling chemicals/oils. Wear suitable clothing to avoid any possibility for contact with liquids and repeated or prolonged contact with vapours.
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	:	easy flowing, clear liquid
Colour	:	colourless to yellow green
Odour	:	specific juniper, pine-balsamic
Flavour	:	bitter, spicy and balsamic taste
Solubility in 90% ethanol	:	1:7
Odour threshold from our supplier on this matter	:	No data available.
pH	:	No data available.
Acid number, mg KOH/g	:	up to 1.0
Ester number, mg KOH/g	:	4.0 – 5.0
Content of esters as bornyl acetate in %	:	1.5 – 4.2
Melting point/ freezing point	:	No data available
Boiling point	:	No data available
Boiling point/ boiling range	:	No data available
Flash point, in °C	:	40-42°
Evaporation rate	:	No data available
Flammability (solid substance, gas)	:	No data available

Upper flammability/explosion explosion limit	:	No data available
Lower flammability/explosion explosion limit	:	No data available
Vapour pressure	:	No data available
Density of vapours	:	No data available
Relative density	:	No data available
Solubility(ies)	:	in benzyl benzoate, vegetable and mineral oils
Insoluble in	:	water, glycerine and propylene glycol
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

Other information

Refractive index	:	1.4713 – 1.4780
Relative density	:	0.8516 – 0.8633
Angle of rotation in °	:	-2 to -9.6

No additional data available.

10. Stability and Reactivity

10.1. Reactivity

Advice	:	Stable under the recommended handling and storage conditions.
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10.2. Chemical stability

Advice	:	Stable under the recommended handling and storage conditions.
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10.3. Possible hazardous reactions

Hazardous reactions : No dangerous reactions are expected when properly used and handled.

10.4. Conditions to avoid

Conditions to avoid : Temperatures higher than room temperature are not recommended.
Keeping the product in open containers will lead to oxidation of oil.

Thermal decomposition : No data

10.5. Incompatible materials

Materials to avoid : Avoid contact with strong acids, bases and oxidizers.

10.6. Hazardous decomposition products

Hazardous decomposition products : In case of fire, hazardous decomposition products, such as carbon oxide and dioxide may occur and nitrogen vapours and oxides.

11. Toxicological Information

11.1. Information on toxicological effects

Acute toxicity

Notes : Harmful if swallowed.

Corrosion/Skin irritation

Notes : Causes skin irritation.

Serious damage/Eye irritation

Result : Splashes 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	:	No data.
Information on possible routes of exposure		
Note	:	No data.
Symptoms related to physical, chemical and toxicological characteristics		
Note	:	Toxicological properties are not comprehensively studied
Delayed and immediate effects as well as chronic effects from short and long-term exposure		
Note	:	Toxicological properties are not comprehensively studied
Interactions		
Note	:	Toxicological properties are not comprehensively studied
Lack of specific data		
Note	:	Toxicological properties are not comprehensively studied

Mixtures		
Note	:	Toxicological properties are not comprehensively studied
Medical considerations		
Note	:	Toxicological properties are not comprehensively studied
Other information		
Note	:	Toxicological classification is based on the information of composition and the available data.
12. Ecological Information		
Note	:	Very toxic to aquatic life with long lasting effects.
12.1. Toxicity		
Product:		
Acute (short-term) toxicity:		
Fish		
Note	:	No data
Toxicity to daphnia and other aquatic invertebrates		
Note	:	No data
Algae/aquatic plants		
Note	:	No data
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 or 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

Class 3

14.1. UN number

1197 EXTRACTS, AROMATIC, LIQUID

14.2. UN proper shipping name

UN1197 JUNIPERUS COMMUNIS FRUIT OIL

14.3. Transport hazard class(es)

UN1197

14.4. Packing group

III

14.5. Environmental hazards



14.6. Special precautions for user

Not applicable

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



Transport :

Icon

Class: 3 Flammable liquids

IMDG	Class 3, Flammable liquid
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Road transport

ADR	Class 3, Flammable liquid
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RID	Class 3, Flammable liquid
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Waterway transport

ADN	Class 3, Flammable liquid
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Maritime transport

IMDG	Class 3, Flammable liquid
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Air transport

IATA/CAO	Class 3, Flammable liquid
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15. Regulatory Information

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

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

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

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

15.2. Chemical Safety Assessment

No data available.

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

16. Other information

Shelf life : 30 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 : -

Abbreviations and acronyms:

Abbr.	Description of used abbreviations
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures
ADR	Accord européen relatif au transport international des marchandises dangereuses par route
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

(Flam. Liq. 3). Acute toxicity

Acute Tox.4 Acute toxicity (oral)

(Corrosion)Damage/Irritation. 2A Eye irritation

Corrosion/irritation 2. Skin irritation

(Skin sens 1). Skin sensitization

Aquatic Chronic 1. 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
H226	Flammable liquid and vapour
H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H410	Very toxic to aquatic life with long lasting effects.
EUH 208	Contains Limonene May produce an allergic reaction.
	List of Safe Handling Instructions used in the Safety Data Sheet
P102	Keep out of reach of children
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P273	Avoid release to the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes.
P331	Do NOT induce vomiting
P362	Take off contaminated clothing and wash before reuse
P333+P313	If skin irritation or rash persists: Get medical advice/attention
P302+P352	IF ON SKIN: Wash with plenty of soap and water
P501	Dispose of contents/container to a place authorized for disposal in accordance with 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 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

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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

Name of product: Organic Juniper Berry Oil (Juniperus Communis 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	AMYL CINNAMYL 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	-	-	-
11	CITRONELLOL	R 38-43-51/53	106-22-9	203-375-0	-	-	-
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	-	-	-
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	5.87 %	5.87 %	5.87 %
22	LINALOOL	R 38	78-70-6	201-134-4	-	-	-
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 (TREETMOSS 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