



MENTOS ORGANIC CAN FRESH MOJITO

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier: MENTOS ORGANIC CAN FRESH MOJITO**
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant uses: Air freshener. Domestic and professional use.
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**
CARPA DESIGN ITALY S.R.L
C/O Studio Marchiori- Via Beato Sebastiano Valfré, 14
10121 Torino - ITALY
Tel. +39 0115613272 Fax +39 0115627450
Email: info@carpadesign.net
- 1.4 Emergency telephone number: Company : +39 0115613272 (Business hours)**

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**
CLP Regulation (EC) n° 1272/2008:
Classification of this product has been carried out in accordance with CLP Regulation (EC) n° 1272/2008.
Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard, Category 2, H411
Skin Sens. 1B: Sensitisation, skin, Category 1B, H317
- 2.2 Label elements:**
CLP Regulation (EC) n° 1272/2008:
Warning
-  
- Hazard statements:**
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects
Skin Sens. 1B: H317 - May cause an allergic skin reaction
- Precautionary statements:**
P101: If medical advice is needed, have product container or label at hand
P102: Keep out of reach of children
P273: Avoid release to the environment
P280: Wear protective gloves
P302+P352: IF ON SKIN: Wash with plenty of water
P333+P313: If skin irritation or rash occurs: Get medical advice/attention
P501: Dispose of the contents/containers in accordance with the current legislation on waste treatment
- Supplementary information:**
EUH208: Contains Cineole, Citral, Isomenthone, Trans-menthone. May produce an allergic reaction
- Substances that contribute to the classification**
d-limonene; L-p-mentha-1(6),8-dien-2-one
- 2.3 Other hazards:**
Mix that does not meet the criteria PBT or mPmB.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substance:**
Non-applicable
- 3.2 Mixture:**

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MENTOS ORGANIC CAN FRESH MOJITO

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Chemical description: Scented wood block.

Components:

In accordance with Annex II of Regulation (EC) n°1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification		Concentration
CAS: 34590-94-8 EC: 252-104-2 Index: Non-applicable REACH: 01-2119450011-60-XXX X	Dipropylene Glycol Methyl Ether	Not classified	75 - <100 %
	Regulation 1272/2008		
CAS: 64-17-5 EC: 200-578-6 Index: 603-002-00-5 REACH: 01-2119457610-43-XXX X	Ethanol	ATP CLP00	10 - <15 %
	Regulation 1272/2008	Flam. Liq. 2: H225 - Danger	
CAS: 5989-27-5 EC: 227-813-5 Index: Non-applicable REACH: 01-2119529223-47-XXX X	d-limonene	Self-classified	2,5 - <5 %
	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Asp. Tox. 1: H304; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Danger	
CAS: 6485-40-1 EC: 229-352-5 Index: Non-applicable REACH: 01-2119962458-25-XXX X	L-p-mentha-1(6),8-dien-2-one	Self-classified	1 - <2,5 %
	Regulation 1272/2008	Skin Sens. 1B: H317 - Warning	
CAS: 2216-51-5 EC: 218-690-9 Index: Non-applicable REACH: 01-2119458866-21-XXX X	L-menthol	Self-classified	1 - <2,5 %
	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Irrit. 2: H315 - Warning	
CAS: 5392-40-5 EC: 226-394-6 Index: 605-019-00-3 REACH: 01-2119462829-23-XXX X	Citral	ATP CLP00	<1 %
	Regulation 1272/2008	Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning	
CAS: 470-82-6 EC: 207-431-5 Index: Non-applicable REACH: 01-2119967772-24-XXX X	Cineole	Self-classified	<1 %
	Regulation 1272/2008	Flam. Liq. 3: H226; Skin Sens. 1B: H317 - Warning	
CAS: 89-80-5 EC: 201-941-1 Index: Non-applicable REACH: Non-applicable	Trans-menthone	Self-classified	<1 %
	Regulation 1272/2008	Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	
CAS: 491-07-6 EC: 207-727-4 Index: Non-applicable REACH: Non-applicable	Isomenthone	Self-classified	<1 %
	Regulation 1272/2008	Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	

To obtain more information on the risk of the substances consult sections 8, 11, 12, 15 and 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

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MENTOS ORGANIC CAN FRESH MOJITO**SECTION 4: FIRST AID MEASURES (continued)**

See acute symptoms in Chapter 11. No symptoms or delayed effects.

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

Symptomatic treatment

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media:**

Product is non-flammable under normal conditions of storage, manipulation and use, containing flammable substances. In the case of inflammation as a result of improper manipulation, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems. IT IS NOT RECOMMENDED to use tap water as an extinguishing agent.

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures:**

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inertization agent. Destroy any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling:****A.- Precautions for safe manipulation**

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Avoid projections and pulverizations. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

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MENTOS ORGANIC CAN FRESH MOJITO**SECTION 7: HANDLING AND STORAGE (continued)**

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

7.2 Conditions for safe storage, including any incompatibilities:**A.- Technical measures for storage**

Minimum Temp.: 5 °C
Maximum Temp.: 35 °C
Maximum time: 36 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Scented block.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters:**

Substances whose occupational exposure limits have to be monitored in the work environment

Identification		Environmental limits	
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	IOELV (8h)	50 ppm	308 mg/m ³
	IOELV (STEL)		
	Year	2015	

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	65 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	310 mg/m ³	Non-applicable
Ethanol CAS: 64-17-5 EC: 200-578-6	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	343 mg/kg	Non-applicable
	Inhalation	Non-applicable	1900 mg/m ³	950 mg/m ³	Non-applicable
d-limonene CAS: 5989-27-5 EC: 227-813-5	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Inhalation	Non-applicable	Non-applicable	33.3 mg/m ³	Non-applicable
L-p-mentha-1(6),8-dien-2-one CAS: 6485-40-1 EC: 229-352-5	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	0.333 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	1.175 mg/m ³	Non-applicable
L-menthol CAS: 2216-51-5 EC: 218-690-9	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	19 mg/kg	Non-applicable
	Inhalation	Non-applicable	10 mg/m ³	132 mg/m ³	10 mg/m ³
Citral CAS: 5392-40-5 EC: 226-394-6	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	1.7 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	9 mg/m ³	Non-applicable
Cineole CAS: 470-82-6 EC: 207-431-5	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	2 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	7.05 mg/m ³	Non-applicable

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	Oral	Non-applicable	Non-applicable	1.67 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	15 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	37.2 mg/m ³	Non-applicable

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Ethanol CAS: 64-17-5 EC: 200-578-6	Oral	Non-applicable	Non-applicable	87 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	206 mg/kg	Non-applicable
	Inhalation	Non-applicable	950 mg/m ³	114 mg/m ³	Non-applicable
d-limonene CAS: 5989-27-5 EC: 227-813-5	Oral	Non-applicable	Non-applicable	4.76 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Inhalation	Non-applicable	Non-applicable	8.33 mg/m ³	Non-applicable
L-p-mentha-1(6),8-dien-2-one CAS: 6485-40-1 EC: 229-352-5	Oral	Non-applicable	Non-applicable	0.166 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	0.166 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	0.289 mg/m ³	Non-applicable
L-menthol CAS: 2216-51-5 EC: 218-690-9	Oral	Non-applicable	Non-applicable	9.4 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	9.4 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	33 mg/m ³	1.7 mg/m ³
Citral CAS: 5392-40-5 EC: 226-394-6	Oral	Non-applicable	Non-applicable	0.6 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	1 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	2.7 mg/m ³	Non-applicable
Cineole CAS: 470-82-6 EC: 207-431-5	Oral	Non-applicable	Non-applicable	600 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	1 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	1.74 mg/m ³	Non-applicable

PNEC:

Identification				
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	STP	4168 mg/L	Fresh water	19 mg/L
	Soil	2.74 mg/kg	Marine water	1.9 mg/L
	Intermittent	190 mg/L	Sediment (Fresh water)	70.2 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	7.02 mg/kg
Ethanol CAS: 64-17-5 EC: 200-578-6	STP	580 mg/L	Fresh water	0.96 mg/L
	Soil	Non-applicable	Marine water	0.79 mg/L
	Intermittent	2.75 mg/L	Sediment (Fresh water)	3.6 mg/kg
	Oral	720 g/kg	Sediment (Marine water)	Non-applicable
d-limonene CAS: 5989-27-5 EC: 227-813-5	STP	1.8 mg/L	Fresh water	0.0054 mg/L
	Soil	0.262 mg/kg	Marine water	0.00054 mg/L
	Intermittent	Non-applicable	Sediment (Fresh water)	1.32 mg/kg
	Oral	3.33 g/kg	Sediment (Marine water)	0.13 mg/kg
L-p-mentha-1(6),8-dien-2-one CAS: 6485-40-1 EC: 229-352-5	STP	10 mg/L	Fresh water	0.0061 mg/L
	Soil	0.0348 mg/kg	Marine water	0.00061 mg/L
	Intermittent	0.061 mg/L	Sediment (Fresh water)	0.192 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0.0192 mg/kg
L-menthol CAS: 2216-51-5 EC: 218-690-9	STP	2.37 mg/L	Fresh water	0.0156 mg/L
	Soil	0.0484 mg/kg	Marine water	0.00156 mg/L
	Intermittent	0.156 mg/L	Sediment (Fresh water)	0.289 mg/kg
	Oral	83.3 g/kg	Sediment (Marine water)	0.0289 mg/kg
Citral CAS: 5392-40-5 EC: 226-394-6	STP	1.6 mg/L	Fresh water	0.00678 mg/L
	Soil	0.0209 mg/kg	Marine water	0.000678 mg/L
	Intermittent	0.0678 mg/L	Sediment (Fresh water)	0.125 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0.0125 mg/kg
Cineole CAS: 470-82-6 EC: 207-431-5	STP	10 mg/L	Fresh water	0.057 mg/L
	Soil	0.2 mg/kg	Marine water	0.0057 mg/L
	Intermittent	0.57 mg/L	Sediment (Fresh water)	0.06732 mg/kg
	Oral	133 g/kg	Sediment (Marine water)	0.00673 mg/kg

8.2 Exposure controls:

A.- General security and hygiene measures in the work place

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

As a preventative measure it is recommended to use basic Personal Protection Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands

The use of protective gloves is recommended

D.- Ocular and facial protection

Non-applicable

E.- Bodily protection

Non-applicable

F.- Additional emergency measures

It is not necessary to take additional emergency measures.

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	94.7 % weight
V.O.C. density at 20 °C:	871.28 kg/m ³ (871.28 g/L)
Average carbon number:	6.51
Average molecular weight:	133.93 g/mol

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Physical state at 20 ° C: **Wood block impregnated with a liquid.**

Appearance (Properties referred to the liquid):

Physical state at 20 °C:	Liquid
Appearance:	Fluid
Color:	Not available
Odor:	Aromatic

Volatility:

Boiling point at atmospheric pressure:	158 °C
Vapour pressure at 20 °C:	2231 Pa
Vapour pressure at 50 °C:	10538 Pa (11 kPa)
Evaporation rate at 20 °C:	Non-applicable *

Product description:

Density at 20 °C:	900 - 940 kg/m ³
Relative density at 20 °C:	0.9 - 0.94
Dynamic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 40 °C:	Non-applicable *
Concentration:	Non-applicable *
pH:	Non-applicable *
Vapour density at 20 °C:	Non-applicable *

*Not relevant due to the nature of the product, not providing information property of its hazards.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Partition coefficient n-octanol/water 20 °C:	Non-applicable *
Solubility in water at 20 °C:	Non-applicable *
Solubility properties:	Insoluble
Decomposition temperature:	Non-applicable *
Melting point/freezing point:	Non-applicable *
Explosive properties:	Non-applicable *
Oxidising properties:	Non-applicable *
Flammability:	
Flash Point:	Non Flammable (>60 °C)
Autoignition temperature:	Non-applicable *
Lower flammability limit:	Non-applicable *
Upper flammability limit:	Non-applicable *
9.2 Other information:	
Surface tension at 20 °C:	Non-applicable *
Refraction index:	Non-applicable *

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2 Chemical stability:

Chemically stable under the conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Precaution	Precaution	Not applicable

10.5 Incompatible materials:

Acids	Water	Combustible materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

Contains glycols. With possibility of effects that are hazardous to the health, it is recommended not to breathe the vapours for long periods of time.

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

A.- Ingestion (acute effect):

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MENTOS ORGANIC CAN FRESH MOJITO**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
 - Corrosivity/Irritability: Based on available data, the classification criteria are not met, however it does contain substances classified as dangerous for this effect. For more information see section 3.
- B- Inhalation (acute effect):
- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for inhalation. For more information see section 3.
 - Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- C- Contact with the skin and the eyes (acute effect):
- Contact with the skin: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for skin contact. For more information see section 3.
 - Contact with the eyes: Based on available data, the classification criteria are not met, however it does contain substances classified as dangerous for this effect. For more information see section 3.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.
 - Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
 - Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- E- Sensitizing effects:
- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.
 - Cutaneous: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.
- F- Specific target organ toxicity (STOT) - single exposure:
- Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- G- Specific target organ toxicity (STOT)-repeated exposure:
- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
 - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- H- Aspiration hazard:
- Based on available data, the classification criteria are not met, however it does contain substances classified as dangerous for this effect. For more information see section 3.

Other information:

Non-applicable

Specific toxicology information on the substances:

Identification		Acute toxicity		Genus
Ethanol CAS: 64-17-5 EC: 200-578-6	LD50 oral	6200 mg/kg		Rat
	LD50 dermal	20000 mg/kg		Rabbit
	LC50 inhalation	124.7 mg/L (4 h)		Rat
d-limonene CAS: 5989-27-5 EC: 227-813-5	LD50 oral	4400 mg/kg		Rat
	LD50 dermal	5100 mg/kg		Rabbit
	LC50 inhalation	Non-applicable		
L-p-mentha-1(6),8-dien-2-one CAS: 6485-40-1 EC: 229-352-5	LD50 oral	5400 mg/kg		Rat
	LD50 dermal	3800 mg/kg		
	LC50 inhalation	Non-applicable		
L-menthol CAS: 2216-51-5 EC: 218-690-9	LD50 oral	2300 mg/kg		Rat
	LD50 dermal	Non-applicable		
	LC50 inhalation	Non-applicable		
Citral CAS: 5392-40-5 EC: 226-394-6	LD50 oral	4950 mg/kg		Rat
	LD50 dermal	2250 mg/kg		Rabbit
	LC50 inhalation	Non-applicable		
Cineole CAS: 470-82-6 EC: 207-431-5	LD50 oral	2480 mg/kg		Rat
	LD50 dermal	Non-applicable		
	LC50 inhalation	Non-applicable		

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Identification		Acute toxicity		Genus
Trans-menthone CAS: 89-80-5 EC: 201-941-1	LD50 oral	2500 mg/kg		Rat
	LD50 dermal	Non-applicable		
	LC50 inhalation	Non-applicable		
Isomenthone CAS: 491-07-6 EC: 207-727-4	LD50 oral	2500 mg/kg		
	LD50 dermal	Non-applicable		
	LC50 inhalation	Non-applicable		

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

12.1 Toxicity:

Identification		Acute toxicity	Species	Genus
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	LC50	10000 mg/L (96 h)	Pimephales promelas	Fish
	EC50	1919 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	Non-applicable		
Ethanol CAS: 64-17-5 EC: 200-578-6	LC50	11000 mg/L (96 h)	Alburnus alburnus	Fish
	EC50	9268 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	1450 mg/L (192 h)	Microcystis aeruginosa	Algae
d-limonene CAS: 5989-27-5 EC: 227-813-5	LC50	0.702 mg/L (96 h)	Pimephales promelas	Fish
	EC50	0.577 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	Non-applicable		
L-p-mentha-1(6),8-dien-2-one CAS: 6485-40-1 EC: 229-352-5	LC50	6.1 mg/L (96 h)	Oncorhynchus mykiss	Fish
	EC50	38 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	19 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
Citral CAS: 5392-40-5 EC: 226-394-6	LC50	6.1 mg/L (24 h)	Oryzias latipes	Fish
	EC50	11 mg/L (24 h)	Daphnia magna	Crustacean
	EC50	16 mg/L (72 h)	Scenedesmus subspicatus	Algae

12.2 Persistence and degradability:

Identification		Degradability		Biodegradability	
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	BOD5	Non-applicable	Concentration	Non-applicable	
	COD	0.00202 g O2/g	Period	28 days	
	BOD5/COD	Non-applicable	% Biodegradable	73 %	
Ethanol CAS: 64-17-5 EC: 200-578-6	BOD5	Non-applicable	Concentration	100 mg/L	
	COD	Non-applicable	Period	14 days	
	BOD5/COD	0.57	% Biodegradable	89 %	
d-limonene CAS: 5989-27-5 EC: 227-813-5	BOD5	Non-applicable	Concentration	Non-applicable	
	COD	Non-applicable	Period	28 days	
	BOD5/COD	Non-applicable	% Biodegradable	100 %	
L-p-mentha-1(6),8-dien-2-one CAS: 6485-40-1 EC: 229-352-5	BOD5	Non-applicable	Concentration	100 mg/L	
	COD	Non-applicable	Period	28 days	
	BOD5/COD	Non-applicable	% Biodegradable	90 %	
Citral CAS: 5392-40-5 EC: 226-394-6	BOD5	0.56 g O2/g	Concentration	100 mg/L	
	COD	1.99 g O2/g	Period	28 days	
	BOD5/COD	0.28	% Biodegradable	92 %	

12.3 Bioaccumulative potential:

Identification		Bioaccumulation potential	
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	BCF		1
	Pow Log		-0.06
	Potential		Low
Ethanol CAS: 64-17-5 EC: 200-578-6	BCF		3
	Pow Log		-0.31
	Potential		Low

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Bioaccumulation potential	
d-limonene	BCF	660
CAS: 5989-27-5	Pow Log	4.83
EC: 227-813-5	Potential	High
Citral	BCF	10
CAS: 5392-40-5	Pow Log	3.45
EC: 226-394-6	Potential	Low
Cineole	BCF	
CAS: 470-82-6	Pow Log	2.74
EC: 207-431-5	Potential	

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
Ethanol	Koc	1	Henry	4.61E-1 Pa·m ³ /mol
CAS: 64-17-5	Conclusion	Very High	Dry soil	Yes
EC: 200-578-6	Surface tension	2.339E-2 N/m (25 °C)	Moist soil	Yes
d-limonene	Koc	6324	Henry	Non-applicable
CAS: 5989-27-5	Conclusion		Dry soil	Non-applicable
EC: 227-813-5	Surface tension	2.675E-2 N/m (25 °C)	Moist soil	Non-applicable
Cineole	Koc	Non-applicable	Henry	Non-applicable
CAS: 470-82-6	Conclusion	Non-applicable	Dry soil	Non-applicable
EC: 207-431-5	Surface tension	3.24E-2 N/m (25 °C)	Moist soil	Non-applicable

12.5 Results of PBT and vPvB assessment:

Non-applicable

12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
20 01 99	Other fractions not otherwise specified	Dangerous

Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommend disposal down the drain. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) n°1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to ADR 2015 and RID 2015:

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SECTION 14: TRANSPORT INFORMATION (continued)



- 14.1 UN number:** UN3077
- 14.2 UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (P-menth-1-en-8-yl acetate)
- 14.3 Transport hazard class(es):** 9
Labels: 9
- 14.4 Packing group:** III
- 14.5 Dangerous for the environment:** Yes
- 14.6 Special precautions for user**
Special regulations: 274, 335, 375, 601
Tunnel restriction code: E
Physico-Chemical properties: see section 9
Limited quantities: 5 kg
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

Transport of dangerous goods by sea:

With regard to IMDG 37-14:



- 14.1 UN number:** UN3077
- 14.2 UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (P-menth-1-en-8-yl acetate)
- 14.3 Transport hazard class(es):** 9
Labels: 9
- 14.4 Packing group:** III
- 14.5 Dangerous for the environment:** Yes
- 14.6 Special precautions for user**
Special regulations: 274, 909
EmS Codes: F-A, S-F
Physico-Chemical properties: see section 9
Limited quantities: 5 kg
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

Transport of dangerous goods by air:

With regard to IATA/ICAO 2015:



- 14.1 UN number:** UN3077
- 14.2 UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (P-menth-1-en-8-yl acetate)
- 14.3 Transport hazard class(es):** 9
Labels: 9
- 14.4 Packing group:** III
- 14.5 Dangerous for the environment:** Yes
- 14.6 Special precautions for user**
Physico-Chemical properties: see section 9
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

SECTION 15: REGULATORY INFORMATION

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

Candidate substances for authorisation under the Regulation (EC) 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Ethanol (Product-type 1, 2, 4)

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SECTION 15: REGULATORY INFORMATION (continued)

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc):

Non-applicable

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

Not required

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) N° 1907/2006 (Regulation (EU) N° 453/2010, Regulation (EC) N° 2015/830)

Modifications related to the previous security card which concerns the ways of managing risks. :

Non-applicable

Texts of the legislative phrases mentioned in section 2:

H317: May cause an allergic skin reaction

H411: Toxic to aquatic life with long lasting effects

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) n° 1272/2008:

Aquatic Acute 1: H400 - Very toxic to aquatic life

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects

Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways

Eye Irrit. 2: H319 - Causes serious eye irritation

Flam. Liq. 2: H225 - Highly flammable liquid and vapour

Flam. Liq. 3: H226 - Flammable liquid and vapour

Skin Irrit. 2: H315 - Causes skin irritation

Skin Sens. 1: H317 - May cause an allergic skin reaction

Skin Sens. 1B: H317 - May cause an allergic skin reaction

Classification procedure:

Skin Sens. 1B: Calculation method

Aquatic Chronic 2: Calculation method

Advice related to training:

Minimal training is recommended to prevent industrial risks for staff using this product, in order to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://esis.jrc.ec.europa.eu>

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

CL50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

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The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -