

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

Organic Pure Peppermint Essential Oil

1. Identification of the substance/mixture and company

Trade name: Organic Pure Peppermint Essential Oil
Steam distillation of the aerial parts, 100% pure and natural

INCI Mentha piperita oil

CAS No. : 8006-90-4 / 84082-70-2

EINECS No. : 282-015-4

REACH pre-registration No. : 01-2119974601-36-0020

Utilization: Raw material for cosmetic or professional use

Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania
Tel/Fax: +40259-436.755, www.elemental.eu

Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.
International emergency number: +49 180 2273-112

2. Hazards Identification

2.1 Classification of the substance or mixture

GHS Classification : (Regulation CLP)
ATO4 Acute toxicity oral 4
ED12 Serious eye damage / eye irritation 2
EHC2 Hazardous to the aquatic environment, long-term hazard 2
SCI2 Skin corrosion / irritation 2
SS1 Sensitisation skin 1
H302 - Harmful if swallowed.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H411 - Toxic to aquatic life with long lasting effects

2.2 Label elements

GHS Classification : (Regulation CLP)
Warning mention : Warning



ATO4 Acute toxicity oral 4

ED12 Serious eye damage / eye irritation 2

EHC2 Hazardous to the aquatic environment, long-term hazard 2

SCI2 Skin corrosion / irritation 2

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

Organic Pure Peppermint Essential Oil

SS1 Sensitisation skin 1

H302 - Harmful if swallowed.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H411 - Toxic to aquatic life with long lasting effects.

P273 - Avoid release to the environment.

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

P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor//if you feel unwell.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501 - Dispose of contents/container according to applicable legislation.

2.2 Other hazards

Contains: Menthol, Menthone, Menthofurane, dl-Neomenthol, (+/-)-Pulegone, Isopulegol, d-Limonene, Terpinene-4-ol

3. Declaration of ingredients

Product not concerned by the component list.

3.1. Substances

Material	C.A.S	EINECS	Risk Symbol	Max %
Menthol	89-78-1	201-939-0	ED12, SCI2 - H315, H319	60.00
Menthone	10458-14-7	233-944-9	SCI2, SS1B - H315, H317	33.00
Eucalyptol	470-82-6	207-431-5	FL3, SS1B - H226, H317	10.00
Menthyl acetate	89-48-5	201-911-8	EHC2 - H411	10.00
Menthofurane	494-90-6	207-795-5	ATO4, ED12, EHC2, SCI2 - H302, H315, H319, H411	9.00
dl-Neomenthol	3623-51-6	222-824-1	ED12, SCI2 - H315, H319	8.00

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

Organic Pure Peppermint Essential Oil

(+/-)-Pulegone	15932-80-6	240-070-1	ATO4 - H302	4.00
Isopulegol	89-79-2	201-940-6	ATO4, EDI2, SCI2 - H302, H315, H319	4.00
beta-Caryophyllene	87-44-5	201-746-1	AH1, SS1B - H304, H317	4.00
d-Limonene	5989-27-5	227-813-5	AH1, EHA1, EHC1, FL3, SCI2, SS1B - H226, H304, H315, H317, H400, H410	3.50
Terpinene-4-ol	562-74-3	209-235-5	ATO4, EDI2, SCI2 - H302, H315, H319	3.00

3.2. Mixtures

Not concerned

4. First aid measures

4.1 Description of first aid measures

Contact with skin : Wash immediately and abundantly with water and soap. Rinse then with clear water.

Contact with eyes : Abundant rinsing with water (15 minutes open eyelids) then washing with an ocular lotion standard Dacryoserum. In case of disorder, consult an ophthalmologist.

In the event of swallowing : Do not induce vomiting, maintain the patient at rest. Resort to the medical care.

In the event of excessive inhalation : Move the victim to fresh air. Get medical advice immediately.

Soiled clothing : Withdraw soiled clothing and re-use them only after decontamination.

5. Fire fighting measures

5.1. Extinguishing media

Recommended : foam, dry powder, carbon dioxide (CO₂)

Inadvisable : avoid full water jet

5.2. Special hazards arising from the substance or mixture

Flammability : The product is not flammable.

Prevention: Do not smoke. Do not use flame near.

5.3. Advice for firefighters

Never use a direct stream of water.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

Organic Pure Peppermint Essential Oil

Use appropriate personal protective equipment during clean-up.

6.2. Environmental precautions

Do not allow to enter sewers/ surface or ground water.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4. Reference to other sections

Not concerned

7. Handling and storage

7.1. Precautions for safe handling

Close packing after use. Reproduce labeling if transferred in another container.

7.2. Conditions for safe storage, including any incompatibilities

- Avoid any useless exposure. Keep away from food and drinks.
- Preserve only in the container of origin in a clean and dry place. Keep the containers closed when not in use.
- Do not leave it near heat source, direct rays of the sun.

7.3. Specific end use(s)

Wash hands and any other area exposed with soap and water before eating, drinking, smoking and before leaving work.

8. Exposure controls / personal protection

8.1. Control parameters

Not concerned

8.2. Exposure controls

General protective and hygienic measures: Avoid skin and eyes contact. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.

Personal Protection :

- Hand protection: Wear gloves.
- Eye protection: Wear glasses.
- Respiratory protection : Wear a mask.
- Ingestion : Do not use, drink and smoke during use.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Texture : Mobile and clear liquid

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

Organic Pure Peppermint Essential Oil

Color : [Colorless ; Yellow greenish]

Odor : Fresh, herbaceous, minty

9.2. Other information

Angular rotation at 20°C (°) : [-30 ; -10]

Relative density at 20°C : [0.895 ; 0.920]

Refractive index at 20°C : [1.455 ; 1.510]

Flash point (°C) : [+65 ; +75]

10. Stability and reactivity

10.1. Reactivity

Not concerned

10.2. Chemical stability

Not concerned

10.3. Possibility of hazardous reactions

Not concerned

10.4. Conditions to avoid

Not concerned

10.5. Incompatible materials

Not concerned

10.6. Hazardous decomposition products

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Dangerous decomposition products: No dangerous decomposition products known.

11. Toxicological information

11.1. Information on toxicological

Toxicological Information Acute:

- Oral

1 307,93 determined

- Inhalation

Not determined

- Skin

Not classified

12. Ecological information

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

Organic Pure Peppermint Essential Oil

12.1. Toxicity

Do not leave the product, even diluted or in great quantity, penetrate the ground water, water or the drains.

12.2. Persistence and degradability

NOT CONCERNED

12.3. Bioaccumulative potential

NOT CONCERNED

12.4. Mobility in soil

NOT CONCERNED

12.5. Results of PBT and vPvB assessment

NOT CONCERNED

12.6. Other adverse effects

NOT CONCERNED

13. Disposal considerations

13.1. Waste treatment methods

Product : Recommendation : Does not have to be disposed of with waste. Do not let penetrate the sewers.

Unclean packaging : Recommendation : Evacuation in accordance with regulations.

14. Transport information

ADR / RID			IMDG			IATA		
-----------	---	---	------	---	---	------	---	---

14.1. UN number

ADR : 3082

IMDG:3082

IATA :3082

14.2. UN proper shipping name

ADR : NOT REGULATED

IMDG: NOT REGULATED

IATA :NOT REGULATED

14.3. Transport hazard class(es)

ADR : 9

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

Organic Pure Peppermint Essential Oil

IMDG:9

IATA :9

14.4. Packing group

ADR : III

IMDG:III

IATA :III

14.5. Environmental hazards

IMDG : Marine Pollutant

Marine pollutant(s) : Menthyl Acetate, Menthofuran

14.6. Special precautions for user

Not concerned

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not concerned

15. Regulatory information

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

Not concerned

15.2. Chemical safety assessment

Not concerned

16. Additional information

16.1. Full H sentences text in point 3 :

H226 Flammable liquid and vapor.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

16.1 Abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR -

Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

Organic Pure Peppermint Essential Oil

Chemicals; ASTM - American Society for the Test-ing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regula-tion (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergen-cy Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration as-sociated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good La-boratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships car-rying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - Interna-tional Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; INCI: International Nomenclature of Cosmetic Ingredients; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test popula-tion; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - Interna-tional Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Ef-fect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic sub-stance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quanti-tative) Structure Activity Relationship; PNEC: Predicted No Effect Concentration; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Re-striction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; STE: Short-term exposure; STEL: Short Term Exposure limit; STOT: Specific Target Organ Toxicity; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative.

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

Organic Pure Peppermint Essential Oil

DECLARATION OF ALLERGENS

Fragrance ingredients restricted as 26 potential allergens in previous ANNEX III of EUROPEAN COSMETIC REGULATION (EC) No1223/2009 and its amendments and in Schedule 34 of the Product Safety and Metrology etc. (Amendment etc.) (EU Exit) Regulations 2019 Statutory Instrument

SUBSTANCE NAME	C.A.S.	Maximum % in the substance determined by GCMS analysis
ALPHA-ISOMETHYL IONONE	127-51-5	-
AMYL CINNAMAL	122-40-7	-
AMYL CINNAMYL ALCOHOL	101-85-9	-
ANISE ALCOHOL	105-13-5	-
BENZYL ALCOHOL	100-51-6	0,1000
BENZYL BENZOATE	120-51-4	-
BENZYL CINNAMATE	103-41-3	-
BENZYL SALICYLATE	118-58-1	-
BUTYLPHENYL METHYLPROPIONAL	80-54-6	-
CINNAMAL	104-55-2	-
CINNAMYL ALCOHOL	104-54-1	-
CITRAL	5392-40-5	0,1000
CITRONELLOL	106-22-9	0,1000
COUMARIN	91-64-5	-
EUGENOL	97-53-0	0,1000
EVERNIA FURFURACEA (TREEMOSS) EXTRACT	90028-67-4	-
EVERNIA PRUNASTRI (OAKMOSS) EXTRACT	90028-68-5	-
FARNESOL	4602-84-0	-
GERANIOL	106-24-1	0,1000
HEXYL CINNAMAL	101-86-0	-
HYDROXYCITRONELLAL	107-75-5	-
HYDROXYISOHEXYL 3- CYCLOHEXENE CARBOXALDEHYDE	31906-04-4	-
ISOEUGENOL	97-54-1	-
LIMONENE	5989-27-5	3,5000

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

Organic Pure Peppermint Essential Oil

LINALOOL	78-70-6	1,0000
METHYL 2-OCTYNOATE	111-12-6	-

DECLARATION ON THE CONTENT ALLERGENIC FRAGRANCE SUBSTANCES IN ACCORDING TO THE REGULATION EC 1223/2009 ON COSMETIC PRODUCTS

SUBSTANCE	INCI EU NAME	C.A.S	%
1,1-Dimethyl-2-phenylethyl acetate	DIMETHYLBENZYL CARBINYL ACETATE	151-05-3	
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran	HEXAMETHYLINDANOPYRAN	1222-05-5	
3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde	HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE	31906-04-4	
3-Methyl-5-(2,2,3-trimethyl-3-cyclopenten-1-yl)pent-4-en-2-ol	3-METHYL-5-(2,2,3-TRIMETHYL-3-CYCLOPENTENYL)PENT-4-EN-2-OL	67801-20-1	
3-Propylidenephthalide	PROPYLIDENE PHTHALIDE	17369-59-4	
6-Methylcoumarin	6-METHYL COUMARIN	92-48-8	
Acetyl cedrene	ACETYLCEDRENE	32388-55-9	
Alpha-Amylcinnamaldehyde	AMYL CINNAMAL	122-40-7	
Alpha-Amylcinnamyl alcohol	AMYL CINNAMYL ALCOHOL	101-85-9	
Alpha-isomethyl ionone	ALPHA-ISOMETHYL IONONE	127-51-5	
Amyl salicylate	AMYL SALICYLATE	2050-08-0	
Anethole	ANETHOLE	4180-23-8 104-46-1	
Anisyl alcohol	ANISE ALCOHOL	105-13-5	
Benzaldehyde	BENZALDEHYDE	100-52-7	
Benzyl alcohol	BENZYL ALCOHOL	100-51-6	0,1000
Benzyl benzoate	BENZYL BENZOATE	120-51-4	
Benzyl cinnamate	BENZYL CINNAMATE	103-41-3	
Benzyl salicylate	BENZYL SALICYLATE	118-58-1	

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

Organic Pure Peppermint Essential Oil

Bergamot oil	CITRUS BERGAMIA PEEL OIL EXPRESSED	8007-75-8 89957-91-5 92704-01-3	
Beta-Caryophyllene	BETA-CARYOPHYLLENE	87-44-5	4,000
Camphre	CAMPHOR	469-49-3 76-22-2 21368-68-3	1,000
Cananga Odorata Oil/Extract	CANANGA ODORATA OIL/EXTRACT	83863-30-3 8006-81-3 68606-83-7 93686-30-7	
Carvone	CARVONE	6485-40-1 99-49-0 2244-16-8	0,5000
Cassia oil	CINNAMOMUM CASSIA LEAF OIL	8007-80-5 84961-46-6	
Cedarwood oil Atlas	CEDRUS ATLANTICA OIL/ EXTRACT	92201-55-3 8023-85-6	
Cedarwood oil Virginia	JUNIPERUS VIRGINIANA OIL	8000-27-9 85085-41-2	
Cinnamaldehyde	CINNAMAL	104-55-2	
Cinnamon bark oil	CINNAMOMUM ZEYLANICUM BARK OIL	8015-91-6 84649-98-9	
Cinnamyl alcohol	CINNAMYL ALCOHOL	104-54-1	
Citral	CITRAL	5392-40-5 141-27-5 106-26-3	0,1000
Citronellol	CITRONELLOL	106-22-9 1117-61-9 26489-01-0 7540-51-4	0,1000
Clove oil	EUGENIA CARYOPHYLLUS OIL	8000-34-8 8015-97-2 84961-50-2	
Coumarin	COUMARIN	91-64-5	
Eucalyptus Globulus Oil	EUCALYPTUS GLOBULUS OIL	97926-40-4	

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

Organic Pure Peppermint Essential Oil

		8000-48-4	
Eugenol	EUGENOL	97-53-0	0,1000
Eugenyl acetate	EUGENYL ACETATE	93-28-7	
Farnesol	FARNESOL	4602-84-0	
Geraniol	GERANIOL	106-24-1	0,1000
Geranium oil	PELARGONIUM GRAVEOLENS FLOWER OIL	8000-46-2 90082-51-2	
Geranyl acetate	GERANYL ACETATE	105-87-3	
Hexadecanolide	HEXADECANOLACTONE	109-29-5	
Hexyl cinnamal	HEXYL CINNAMAL	101-86-0	
Hydroxycitronellal	HYDROXYCITRONELLAL	107-75-5	
Ios E super	TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES	54464-57-2 68155-67-9 68155-66-8	
Iso Eugenol	ISOEUGENOL	97-54-1 5932-68-3	
Isoeugenyl acetate	ISOEUGENYL ACETATE	93-29-8	
Jasmine Oil/Extract	JASMINE OIL/EXTRACT	84776-64-7 90045-94-6 8022-96-6 8024-43-9	
Laurel oil	LAURUS NOBILIS LEAF OIL	8002-41-3 8007-48-5 84603-73-6	
Lavandula Oil/ Extract	LAVANDULA OIL/ EXTRACT	91722-69-9 8022-15-9 93455-96-0 93455-97-1 92623-76-2 84776-65-8 8000-28-0 90063-37-9	
Lemon oil	CITRUS LIMON PEEL OIL	8008-56-8 84929-31-7 68917-33-9	
Lemongrass Oil	LEMONGRASS OIL	8007-02-1	

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

Organic Pure Peppermint Essential Oil

		89998-16-3 91844-92-7	
Limonene	LIMONENE	138-86-3 7705-14-8 5989-27-5 5989-54-8	3,5000
Linalool	LINALOOL	78-70-6	1,000
Linalyl acetate	LINALYL ACETATE	115-95-7	
Majantol	TRIMETHYLBENZENEPROPANOL	103694-68-4	
Menthe piperita oil	MENTHA PIPERITA OIL	8006-90-4 84082-70-2 98306-02-6	
Menthol	MENTHOL	1490-04-6 15356-60-2 2216-51-5 89-78-1	60,000
Methyl 2-octynoate	METHYL 2-OCTYNOATE	111-12-6	
Methyl salicylate	METHYL SALICYLATE	119-36-8	
Narcissus Extract	NARCISSUS EXTRACT	90064-26-9 68917-12-4 90064-27-0 90064-25-8	
Neroli oil	CITRUS AURANTIUM FLOWER OIL	72968-50-4 8028-48-6 8016-38-4	
Oakmoss absolute	EVERNIA PRUNASTRI EXTRACT	90028-68-5 9000-50-4	
Orange oil	CITRUS AURANTIUM PEEL OIL	68916-04-1 72968-50-4 97766-30-8 8028-48-6 8008-57-9	
P-Mentha-1,3-diene (terpinène alpha)	ALPHA-TERPINENE	99-86-5	1,000
P-t-Butyl-alpha-methylhydrocinnamic aldehyde	BUTYLPHENYL METHYLPROPIONAL	80-54-6	
Patchouly oil	POGOSTEMON CABLIN LEAF OIL	8014-09-3 84238-39-1	

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

Organic Pure Peppermint Essential Oil

Peru balsam oil	MYROXYLON PEREIRAE OIL/ EXTRACT	8007-00-9	
Pinene	PINENE	127-91-3 18172-67-3 7785-70-8 80-56-8	3,5000
Pinus Mugo	PINUS MUGO	90082-72-7	
Pinus Pumila	PINUS PUMILA	97676-05-6	
Rose Flower Oil/Extract	ROSE FLOWER OIL/EXTRACT	8007-01-0 90106-38-0 93334-48-6 84696-47-9 84604-12-6 84604-13-7 92347-25-6	
Rose Ketones	ROSE KETONES	43052-87-5 23726-94-5 24720-09-0 23696-85-7 57378-68-4 71048-82-3 23726-92-3 23726-91-2	
Salicylaldehyde	SALICYLALDEHYDE	90-02-8	
Sandalwood oil	SANTALUM ALBUM OIL	8006-87-9 84787-70-2	
Santalol	SANTALOL	115-71-9 11031-45-1 77-42-9	
Sclareol	SCLAREOL	515-03-7	
Spearmint oil	MENTHA VIRIDIS LEAF OIL	8008-79-5 84696-51-5	
Terpineol	TERPINEOL	98-55-5 8000-41-7 586-81-2 138-87-4	1,000
Terpinolene	TERPINOLENE	586-62-9	1,000
Treemoss absolute	EVERNIA FURFURACEA EXTRACT	90028-67-4 68648-41-9	

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

Organic Pure Peppermint Essential Oil

Turpentine oil	TURPENTINE	8006-64-2	
Vanillin	VANILLIN	121-33-5	
Verbena absolute	LIPPIA CITRIODORA LEAF EXTRACT	85116-63-8	

Disclaimer: This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.