

1. Chemical product and Company identification

1.1 Name of material

Name : Peppermint essential oil

INCI: Mentha piperita oil

Country of origin : UK

Way of extraction: steam distillation from flowers of the plant mainly

CAS number : 84082-70-2

EINECS number: 282-015-4

1.2 Intended use : Cosmetic use, for external body parts only! Note: TOP. Camphoric, menthol.

1.3 Distributor of the product and provider of MSDS: Nordtek Imexco Kft 2161 Csomád,
Verebeshegy utca 11. Kontakt személy:

1.4 Emergency Call Center Egészségügyi Toxikológiai Tájékoztató Szolgálat (ETTSZ)
1096 Budapest, Nagyvárad tér 2.
(36) 80/201-199
(36-1) 476-6464

2. Hazards identification

2.1 Classification of the Substance or Mixture:

Classification According to Regulation (EC) No. 1272/2008: GHS07

Hazard classes and Hazard Statements

Hazard categories

Skin Irrit. 2 H315

Skin Sens. 1 H317




Asp. Tox. 1 H304

Aquatic Chronic 1 H410

Signal word:

Danger

2.2. Label elements:

Labelling According to Regulation (EC) No. 1272/2008	CLP -Regulation (EC) No 1272/2008 Piktogram	Hazard- determining Components of Labelling	Hazard statements „H”	Precautionary statements „P”
The product is classified and labelled according to the CLP regulation.	  		H227 - Combustible liquid H315: Causes skin irritation H317: May cause an allergic skin reaction H304: May be fatal if swallowed and enters airways H410: Very toxic to aquatic life with long lasting effects H319 – Causes serious eye irritation	P262 - Do not get in eyes, on skin, or on clothing P241: Use explosion-proof electrical/ventilating/lighting equipment P280: Wear Protective Gloves / protective clothing/ eye protection/ face protection P273: Avoid release to environment P301+P310: If swallowed: immediately call a poison center or doctor/physician P303+P361+P353: If on skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P331: Do not induce vomiting P405: Store locked up P501: Dispose of contents / container in accordance with local regulations.

2.3 Other Hazards:

Results of PBT Assessment

Not applicable.

Results of vPvB Assessment

Not applicable.

3. Composition of ingredients

CAS/EU	Chemical name	Concentration ratio %	GHS codes	
CAS-No: 10458-14-7 EC N.: 233-944-9	Menthone	20-30	Flam. Liq. 3 - H226, Acute Tox. 4 - H302, Aquatic Chronic 3 - H412	
CAS-No: 138-86-3 EC No: 205-301-0	d-Limonén	< 6,5	Classification (EC 1272/2008) Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	
CAS-No: 89-48-5 EC No: 201-911-8	Metil-acetát	2-10	Aquatic Chronic 2 - H411 Flam. Liq. 3 – H226, Skin Sens. 1 – H317	
CAS No: 470-82-6 EC No:207-431-5	Cineol	2-10	Acute Tox. 4 – H302	
CAS No: 89-82-7 EC No: 201-943-2	Pulegone	<2	Acute Tox. 4 – H302, Skin Irrit. 2 – H315, Eye Irrit. 2 – H319	
CAS No: 494-90-6 EC No: 207-795-5	Menthofuran	<1	Acute Tox. 4 – H302, Skin Irrit. 2 – H315, Eye Irrit. 2 – H319	
CAS No: 7786-67-6 EC No: 232-102-8	Isopulegol	<0,2		

4. First aid measures

4.1

Description of First Aid Measures

Immediately remove any clothing soiled by the product.

Inhalation

Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation. Supply fresh air.

Skin Contact

Immediately wash with water and soap and rinse thoroughly. Immediately rinse with water. If skin irritation continues, consult a doctor.

Eye Contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Ingestion

Inform doctor. Do not give milk or fatty oils.

4.2

Most Important Symptoms and Effects, both Acute and Delayed

No further relevant information available.

4.3

Indication of Immediate Medical Attention and Special Treatment Needed

No further relevant information available.

5. Fire fighting measures

5.1

Suitable Extinguishing Agents

Carbon dioxide (CO₂), powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable Extinguishing Agents

Water with full jet.

5.2

Special Hazards Arising from the Substance or Mixture

Carbon monoxide (CO).

5.3

Advice for Fire-fighters

No special measures required

6. Accidental release measures

6.1

Personal Precautions, Protective Equipment and Emergency Procedures

Not required.

6.2

Environmental Precautions

Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. 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). Dispose of contaminated material as waste according to item 13. Ensure adequate ventilation.

6.4

Reference to Other Sections

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

7. Storage and handling

7.1

Precautions for Safe Handling

Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

Information about Fire and Explosion Protection

No special measures required.

7.2

Conditions for Safe Storage, Including any Incompatibilities

Store only in unopened original receptacles. Keep receptacle tightly sealed. Store in the dark.

7.3

Specific End Use(s)

No further relevant information available.

8. Expositions control/personal protection

8.1.1 Ingredients with limit values that require monitoring at the workplace:

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Additional Information

The lists valid during the making were used as basis.

8.2 Exposure Controls: Personal Protective Equipment

General Protective and Hygienic Measures

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Respiratory Protection

Not required.

Hand Protection

Protective gloves. The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.



Eye Protection

Tightly sealed goggles.

9. Physical and Chemical properties

Appearance: Liquid

Colour According to Product Specification

Odour Characteristic

pH Value Not determined.

Melting Point/Melting Range Undetermined.

Boiling Point/Boiling Range Undetermined.

Flash Point (Closed Cup – ASTM D6450) 62°C

Flammability (Solid, gaseous) Not applicable.

Specific gravity: ~ 0,899 at 20 Celcius

Danger of explosion: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

Decomposition Temperature Not determined.

Self-igniting Product is not self-igniting.

Danger of Explosion Product does not present an explosion hazard.

Lower Explosion Limit Not determined.

Upper Explosion Limit Not determined.

Vapour Density Not determined.

Evaporation Rate Not determined.

Solubility in/Miscibility with Water Not miscible or difficult to mix.

Partition Co-efficient (n-octanol/water) Not determined.

Viscosity Not determined.

9.2

Other Information

No further relevant information available.

10. Stability and Reactivity

10.1 Thermal decomposition /Conditions to avoid: Heating causes vaporisation and formation of ignitable atmosphere is possible. Direct source of heat.

10.2 Incompatible materials: Strong acids and oxidising agents

Thermal Decomposition/Conditions to Avoid

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions: Formation of explosive gas mixture with air possible.

In case of unpropitious storing conditions (air admission, heat accumulation) selfignition is possible for moistened solids (e.g. cloth, pulp, filter panels, binder)

10.4

Conditions to Avoid

No further relevant information available.

10.5

Incompatible Materials

No further relevant information available.

10.6

Hazardous Decomposition Products

No dangerous decomposition products known.

11. Toxicological data

11.1 Information on Toxicological Effects: Acute Toxicity

LD 50 oral (rat) 124100mg/Kg

Acute effects:--

Primary irritant effect:--

On the skin: Irritant to skin and to mucous membranes.

On the eyes: Irritating effect.

Sensitisation: Sensitisation through skin contact.

Additional toxicological information: The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparation as issued in the latest version.

Irritant.

Sensitisation: Sensitisation through skin contact.

General information:

Do not allow to enter canalisation / waterways / groundwater.

Biodegradation: no data available.

Ecotoxic effects: Very toxic to aquatic organism, may cause long term adverse effects in the aquatic environment.

11.2 Primary Irritant Effect: Skin Corrosion/Irritation

Causes skin irritation.

Serious Eye Damage/Irritation

Causes serious eye irritation.

Respiratory or Skin Sensitisation

May cause an allergic skin reaction.

Germ Cell Mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive Toxicity

Based on available data, the classification criteria are not met.

STOT-single Exposure

Based on available data, the classification criteria are not met.

12. Ecological Information

- 12.1 Toxicity: No data available
- 12.2 Persistence and degradability: No data available
- 12.3 Bioaccumulative potential: No data available
- 12.4 Mobility in soil: No data available
- 12.5 Results of PBT and vPvB assessment: No data available
- 12.6 Other adverse effects

No further relevant information available.

13. Disposal considerations

Recycling is preferred to disposal and burning.
If recycling is not possible, dispose in accordance with federal, state and local environmental regulations.
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European Waste catalogue
02 03 03 Wastes from solvent extraction

13.1

Waste Treatment Methods

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

13.2

Uncleaned Packaging

Disposal must be made according to official regulations.

14. Transport information



14.1 Land transport (ADR/RID):

UN-No: 3082

Class: 9

Subsidiary Risk: not applicable

Packing group: III

14.2 Sea transport (IMO):

UN-No: 3082

Class: 9

Packing group: III

Marine pollutant: Yes

14.3 Air transport (ICAO/IATA):

UN-No: 3082

Class: 9

Subsidiary Risk: not applicable

15. Regulatory Information

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

· **National regulations:**

· **Information about limitation of use:**

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

· **Breakdown regulations:**

Critical quantity values according to the regulations on accidents should be adhered to.

· **Waterhazard class:**

Water hazard class 2 (German regulation) (VwVwS 3822; CAS 84929-38-4): hazardous for water

· **Other regulations, limitations and prohibitive regulations**

Comply with the rules and regulations of skin protection.

Comply with the rules and regulations of respiratory protection.

16. Other

The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its application. This information is designed only as guidance for the safe handling, use, processing, storage, transportation, disposal and should not to be considered as a warranty or quality specification.

Reccomended restriction of use: For industrial applications only.

Classification according to regulation EC 1207/2008 (CLP)

Hazard statements:

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H304: May be fatal if swallowed and enters airways

H410: Very toxic to aquatic life with long lasting effects

Precautionary Statements:

P241: Use explosion-proof electrical/ventilating/lighting equipment

P280: Wear Protective Gloves / protective clothing/ eye protection/ face protection

P273: Avoid release to environment

P301+P310: If swallowed: immediately call a poison center or doctor/physician

P303+P361+P353: If on skin (or hair): Remove/Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P331: Do not induce vomiting

P405: Store locked up

P501: Dispose of contents / container in accordance with local regulation

WARNING/DISCLAIMER:

The information in this Material Safety Data Sheet is based on the properties of the material known to H Reynaud at the time the data sheet was issued. The safety data sheet is intended to provide information for health and safety assessment of the material and the circumstances under which it is packaged, stored or applied in the workplace. This document is not intended for quality assurance purposes.