

# **Certificate of Analysis**

PRODUCT DETAILS							
Product Name		Menthol Liquid					
Product Code		OEMENTLIQU					
INCI Name		Mentha Piperita					
Manufacturer Date		September 2022					
Expiry Date		September 2025					
Batch Number		4482506					
Identification		CAS No: 84082-70-2		EINECS No: 282-015-4			
		Alternative Cas: 8006-90-4		FEMa Number: 2848			
PHYSICAL AND CHEMIC	AL CHA	RACTERISTIC					
		SPECIFICATION RANGE	GE	RESULTS			
Appearance		Liquid		Conforms			
Colour		Clear - colourless mobile liquid		Conforms			
Odour		Fresh, cooling mint		Conforms			
Melting Point		Clear mobile liquid @ 20°c.		Conforms			
Relative Density @ 20°c		0.898 - 0.916		0.901			
Optical Rotation		-30 to -10c		-23.45			
Refractive Index @ 20°c		1.457 - 1.467		1.4613			
Total Menthol content		Max 55%		40.10%			
MAIN CONSTITUENTS							
CONSTITUENT RANGE	RESULT	CONSTITUENT RANGE	RESULT	CONSTITUENT RANGE	RESULT		
L-Menthol <b>30-55</b> %	40.10%	Trans-Menthone 12-33%	24.51%	1,8 Cineole <b>2-10</b> %	4.78%		
1-Menthylacetate <b>2-10</b> %	5.13%	d,I-Isomenthone <b>1-6%</b>	4.36%	Limonene <b>0.01-3</b> %	2.33%		
Menthyl Acteate <b>2-10</b> %		Pulegone <b>0.01-4</b> %	1.03%	Menthofuran 0.01-9%	1.70%		
STORAGE AND SHELF LI	FE						
Storage		Store in tightly closed container with minimum headspace in a cool, dark and dry place.					
Shelf Life		36 months unopened and stored as above.					

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where We make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.

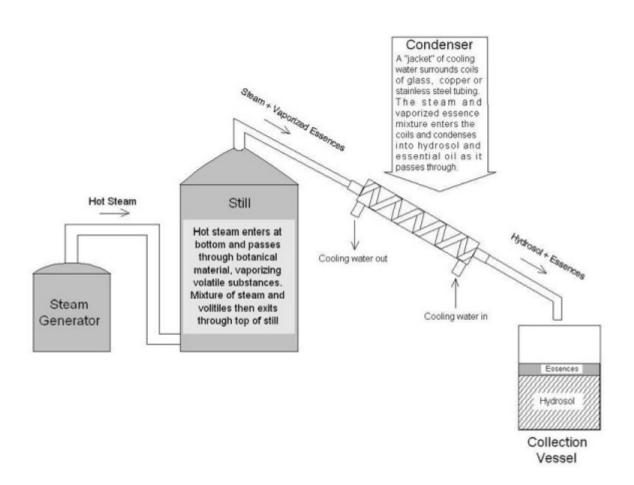
M6 1GF

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# MYSTIC MOMENTS

## Menthol Liquid CHINA/INDIA

## **FLOW CHART**



# MYSTIC M@MENTS

## SAFETY DATA SHEET Menthol Liquid (MENTHA PIPERITA)

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Menthol Liquid Product name **OEPIPEMENT** Product number

Synonyms; trade names

Mentha Piperita, Peppermint Oil, Peppermint Ext

**REACH registration number** 01-2119974601-36-XXXX

**CAS** number 84082-70-2 Alternative Cas Number 8006-90-4 **EC** number 282-015-4 **FEMA No:** 2848

## 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses - Fragrance

## 1.3. Details of the supplier of the safety data sheet

Madar Corporation Limited Supplier

19 - 20 Sandleheath Industrial Estate

Fordingbridge SP6 1PA

Tel. +44 1425 655 555

technical@madarcorporation.co.uk

## 1.4. Emergency telephone number

## **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317

**Environmental hazards** Aquatic Chronic 3 - H412

Human health Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.

**Environmental** The product contains a substance which is harmful to aquatic organisms.

2.2. Label elements

EC number 282-015-4

> 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk

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## Hazard pictograms



Signal word Warning

**Hazard statements** H315 Causes skin irritation.

H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements** P273 Avoid release to the environment.

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

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

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

P262 Do not get in eyes, on skin, or on clothing.

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

P331 Do NOT induce vomiting.

Contains trans-menthone, 1, 8 cineole, d,l-Isomenthone, (S)-p-mentha-1,8-diene, Beta Caryophyllene,

Alpha Pinene, Beta Pinene, Sabinene, 7-methyl-3-methyleneocta-1,6-diene

Supplementary precautionary

statements

P261 Avoid breathing vapour/ spray.

P264 Wash contaminated skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P302+P352 IF ON SKIN: Wash with plenty of water.
P321 Specific treatment (see medical advice on this label).
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents/ container in accordance with national regulations.

## 2.3. Other hazards

## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

L-Menthol >= 30 <=55

CAS number: 2216-51-5 EC number: 218-690-9

Classification

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319

trans-menthone >=12 <=33

CAS number: 89-80-5 EC number: 201-941-1

Classification

Acute Tox. 4 - H302 Aquatic Chronic 3 - H412

## Menthol Liquid (MENTHA PIPERITA)

1, 8 cineole >=2 <=10

CAS number: 470-82-6 EC number: 207-431-5

Classification

Flam. Liq. 3 - H226 Skin Sens. 1B - H317

1-Menthylacetate(1alpha,2beta,5alpha)

CAS number: 2623-23-6 EC number: 220-076-0

Classification

Aquatic Chronic 2 - H411

d,I-Isomenthone >=1 <=6

>=2 <=10

CAS number: 491-07-6 EC number: 207-727-4

Classification

Skin Irrit. 2 - H315 Skin Sens. 1B - H317

menthyl acetate 2 - 10%

CAS number: 89-48-5 EC number: 201-911-8

Classification

Aquatic Chronic 2 - H411

(S)-p-mentha-1,8-diene >=0.01 <=3

CAS number: 5989-54-8 EC number: 227-815-6

M factor (Acute) = 1 M factor (Chronic) = 1

Classification

Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

neo-menthol >=2 <=8

CAS number: 2216-52-6 EC number: 218-691-4

Classification

Skin Irrit. 2 - H315

Beta Caryophyllene >=0.01 <=3.5

CAS number: 87-44-5 EC number: 201-746-1

Classification

Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Chronic 4 - H413

menthofuran >=0.01 <=9

CAS number: 494-90-6 EC number: 207-795-5

Classification

Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Aquatic Chronic 2 - H411

Alpha Pinene >=0.01 <=2

CAS number: 80-56-8 EC number: 201-291-9

M factor (Acute) = 1 M factor (Chronic) = 1

Classification

Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

Beta Pinene >=0.01 <=2

CAS number: 127-91-3 EC number: 242-060-2

M factor (Acute) = 1 M factor (Chronic) = 1

Classification

Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

Sabinene >=0.01 <=1.5

CAS number: 3387-41-5 EC number: 222-212-4

Classification

Acute Tox. 4 - H302

7-methyl-3-methyleneocta-1,6-diene

>=0.01 <=1

CAS number: 123-35-3 EC number: 204-622-5

Classification

Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Chronic 3 - H412

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### **SECTION 4: First aid measures**

## 4.1. Description of first aid measures

Inhalation Remove affected person from source of contamination. Get medical attention if any discomfort

continues.

**Ingestion** Rinse mouth thoroughly with water. Get medical attention immediately.

Skin contact Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if

irritation persists after washing.

**Eye contact** Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of

water. Continue to rinse for at least 15 minutes and get medical attention.

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

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

#### SECTION 5: Firefighting measures

## 5.1. Extinguishing media

Suitable extinguishing media Extinguish with foam, carbon dioxide or dry powder.

Unsuitable extinguishing

media

Do not use water jet as an extinguisher, as this will spread the fire.

## 5.2. Special hazards arising from the substance or mixture

Hazardous combustion

Carbon dioxide (CO2). Organic compounds.

products

firefighting

## 5.3. Advice for firefighters

Protective actions during

.

Cool containers exposed to heat with water spray and remove them from the fire area if it can

be done without risk. Avoid inhalation of vapours.

Special protective equipment

Use protective equipment appropriate for surrounding materials.

for firefighters

### SECTION 6: Accidental release measures

## 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking. Avoid inhalation of vapours/spray and contact with skin and eyes. Provide adequate

ventilation.

## 6.2. Environmental precautions

**Environmental precautions** 

## Menthol Liquid (MENTHA PIPERITA)

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up Soak up spillage with sa

Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations. If spillage on water occurs, remove from the surface with suitable absorbent material. Dispose according to National and international Environmental regulations.

#### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8.

## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

Usage precautions Avoid inhalation of vapours/spray and contact with skin and eyes. Keep away from heat, hot

surfaces, sparks, open flames and other ignition sources. No smoking. Do not eat, drink or

smoke when using this product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

#### 7.3. Specific end use(s)

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

## L-Menthol (CAS: 2216-51-5)

**DNEL** Workers - Inhalation; Long term systemic effects: 132 mg/m³

Workers - Dermal; Long term systemic effects: 19 mg/kg, bw/day General population - Inhalation; Long term systemic effects: 33 mg/m³ General population - Dermal; Long term systemic effects: 9.4 bw/day, mg/kg General population - Oral; Long term systemic effects: 9.4 bw/day, mg/kg

PNEC - Fresh water; Short term 15.6 mg/l

- Fresh water, Intermittent release; 156 mg/l

- marine water; Short term 1.56 mg/l

- STP; Short term 2.37 mg/l

Sediment (Freshwater); Short term 28.9 mg/kgSediment (Marinewater); Short term 28.9 mg/kg

- Soil; Short term 48.4 mg/kg

## 1, 8 cineole (CAS: 470-82-6)

**DNEL** Workers - Inhalation; Long term systemic effects: 7.05 mg/m³

Workers - Dermal; Long term systemic effects: 2 mg/kg, bw/day

General population - Inhalation; Long term systemic effects: 1.74 mg/m³ General population - Dermal; Long term systemic effects: 1 mg/kg, bw/day General population - Oral; Long term systemic effects: 600 mg/kg, bw/day

PNEC - Fresh water; Short term 5.7 mg/l

- Intermittent release, Fresh water; 0.57 mg/l

- marine water; Short term 5.7 mg/l

- STP; Short term 10 mg/l

Sediment (Freshwater); Short term 1.425 mg/kgSediment (Marinewater); Short term 0.142 mg/kg

- Soil; Short term 0.25 mg/kg

## Menthol Liquid (MENTHA PIPERITA)

### menthyl acetate (CAS: 89-48-5)

**DNEL** Workers - Inhalation; Long term systemic effects: 33.6 mg/m<sup>3</sup>

Workers - Dermal; Long term systemic effects: 9.5 mg/kg, bw/day General population - Inhalation; Long term systemic effects: 8.3 mg/m³ General population - Dermal; Long term systemic effects: 4.8 bw/day, mg/kg General population - Oral; Long term systemic effects: 4.8 mg/kg, bw/day

PNEC - Fresh water; Short term 2.7 mg/l

- marine water; Short term 0.27 mg/l

- STP; Short term 0.26 mg/l

Sediment (Freshwater); Short term 0.434 mg/kgSediment (Marinewater); Short term 0.043 mg/kg

- Soil; Short term 0.085 mg/kg

#### Alpha Pinene (CAS: 80-56-8)

**DNEL** Workers - Inhalation; Long term systemic effects: 3.8 mg/m³

Workers - Dermal; Long term systemic effects: 0.54 bw/day, mg/kg General population - Inhalation; Long term systemic effects: 0.67 mg/m³ General population - Dermal; Long term systemic effects: 0.19 mg/kg, bw/day General population - Oral; Long term systemic effects: 0.19 mg/kg, bw/day

PNEC - Fresh water; Short term 0.606 mg/l

- Intermittent release, Fresh water; 3.03 mg/l

- marine water; Short term 0.061 mg/l

- marine water, Intermittent release; 0.303 mg/l

- STP; Short term 0.2 mg/l

Sediment (Freshwater); Short term 157 mg/kgSediment (Marinewater); Short term 15.7 mg/kg

- Soil; Short term 31.7 mg/kg

### Beta Pinene (CAS: 127-91-3)

**DNEL** Workers - Inhalation; Long term systemic effects: 5.69 mg/m³

Workers - Dermal; Long term systemic effects: 0.8 mg/kg, bw/day General population - Inhalation; Long term systemic effects: 1 mg/m³ General population - Dermal; Long term systemic effects: 0.3 mg/kg, bw/day General population - Oral; Long term systemic effects: 0.3 mg/kg, bw/day

PNEC - Fresh water; Short term 1.004 mg/l

- Fresh water, Intermittent release; 5.02 mg/l

- marine water; Short term 0.1 mg/l

- STP; Short term 3.26 mg/l

Sediment (Freshwater); Short term 0.337 mg/kg
Sediment (Marinewater); Short term 0.034 mg/kg

- Soil; Short term 0.067 mg/kg

## 7-methyl-3-methyleneocta-1,6-diene (CAS: 123-35-3)

**DNEL** Workers - Dermal; Long term systemic effects: 0.83 mg/kg

Workers - Inhalation; Long term systemic effects: 5.83 mg/m³

General population - Dermal; Long term systemic effects: 0.42 mg/kg General population - Inhalation; Long term systemic effects: 1.25 mg/m³

**PNEC** - STP; 0.2 mg/l

- Soil; 1.015 mg/kg

Fresh water; 0.00028 mg/lmarine water; 0.0008 mg/l

Sediment (Freshwater); 5.022 mg/kgSediment (Marinewater); 0.502 mg/kg

a terpinolene (CAS: 586-62-9)

**DNEL** Workers - Inhalation; Long term systemic effects: 3.6 mg/m³

Workers - Dermal; Long term systemic effects: 0.52 bw/day, mg/kg General population - Inhalation; Long term systemic effects: 0.9 mg/m³ General population - Dermal; Long term systemic effects: 0.26 bw/day, mg/kg General population - Oral; Long term systemic effects: 0.26 mg/kg, bw/day

PNEC - Fresh water; Short term 0.634 mg/l

- Fresh water, Intermittent release; Short term 0.634 mg/l

- marine water; Short term 0.063 mg/l

- STP; Short term 0.2 mg/l

Sediment (Freshwater); Short term 14.7 mg/kg
Sediment (Marinewater); Short term 14.7 mg/kg

- Soil; Short term 29.1 mg/kg

## 8.2. Exposure controls

#### Protective equipment







**Eye/face protection** Wear tight-fitting, chemical splash goggles or face shield.

Hand protection Wear protective gloves.

Other skin and body

protection

Wear apron or protective clothing in case of contact.

Hygiene measures Good personal hygiene procedures should be implemented.

**Respiratory protection** Generally unnecessary in a well ventilated area.

If ventilation is insufficient, respiratory protection must be worn.

### SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance Liquid.

Colourless to pale yellow.

Odour minty

Flash point 72 ± 2°C Closed cup.

Vapour pressure 43.8 Pa @ 25°C

**Relative density** 0.898 - 0.916 @ 20°C

Solubility(ies) Miscible with ethanol (96%) and with methylene chloride

Auto-ignition temperature 280°C

Viscosity 7.71 m<sup>2</sup>/s @ 20°0

 $7.71~\text{m}^2\text{/s}$  @  $20^\circ\text{C}$  19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK

Tel: 01425 655555 Email: technical@madarcorporation.co.uk

## Menthol Liquid (MENTHA PIPERITA)

9.2. Other information

**Refractive index** 1.457 - 1.467 @ 20°C

Optical Rotation -30c to -10c

**Hydrocarbon Content** 

## SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reactivity None known.

10.2. Chemical stability

**Stability** Stable under the prescribed storage conditions.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous

None known.

reactions

products

10.4. Conditions to avoid

**Conditions to avoid** Keep away from heat, sparks and open flame.

10.5. Incompatible materials

Materials to avoid Strong acids. Alkalis. Oxidising agents.

### 10.6. Hazardous decomposition products

Hazardous decomposition

Liable to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxide

and other non identified organic compounds may be formed.

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Acute toxicity - oral

**ATE oral (mg/kg)** 6,451.61

Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) LD<sub>50</sub> >5000 mg/kg bw, Dermal, Rabbit

## SECTION 12: Ecological information

## 12.1. Toxicity

Acute aquatic toxicity

Acute toxicity - aquatic EC

EC<sub>50</sub>, 48 hours: 2.7 mg/l, Daphnia magna

invertebrates

Acute toxicity - aquatic plants EC<sub>50</sub>, 96 hours: 2.61 mg/l,

## 12.2. Persistence and degradability

## 12.3. Bioaccumulative potential

12.4. Mobility in soil

## 12.5. Results of PBT and vPvB assessment

## 12.6. Other adverse effects

## **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

**Disposal methods**Dispose of contents/container in accordance with local regulations.

## **SECTION 14: Transport information**

## 14.1. UN number

UN No. (ADR/RID) 3082
UN No. (IMDG) 3082
UN No. (ICAO) 3082
UN No. (ADN) 3082

## 14.2. UN proper shipping name

Proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(ADR/RID)

Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Proper shipping name (ADN) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

#### 14.3. Transport hazard class(es)

ADR/RID class 9

ADR/RID classification code M6

ADR/RID label 9

IMDG class 9

ICAO class/division 9

ADN class 9

## Transport labels



## 14.4. Packing group

ADR/RID packing group III

IMDG packing group III

ICAO packing group

ADN packing group

## 14.5. Environmental hazards

## Environmentally hazardous substance/marine pollutant



## 14.6. Special precautions for user

**EmS** F-A, S-F

ADR transport category 3

Emergency Action Code •3Z

Hazard Identification Number 90

(ADR/RID)

Tunnel restriction code (E)

## 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

## SECTION 15: Regulatory information

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

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16

December 2008 on classification, labelling and packaging of substances and mixtures (as

amended).

Guidance CHIP for everyone HSG228.

## 15.2. Chemical safety assessment

**Inventories** 

**EU - EINECS/ELINCS** 

Complies

Canada - DSL/NDSL

Complies

US - TSCA

Complies

US - TSCA 12(b) Export Notification

Not listed.

Australia - AICS

Complies

Japan - ENCS

Complies

Korea - KECI

Complies

China - IECSC

Complies

Philippines - PICCS

Complies

New Zealand - NZIOC

Complies

Taiwan - NECI

Complies

### SECTION 16: Other information

Revision date 18/06/2019

Revision 4

Supersedes date 18/07/2018

## Menthol Liquid (MENTHA PIPERITA)

SDS number 5143

Hazard statements in full H226 Flammable liquid and vapour.

H301 Toxic if swallowed. 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. H335 May cause respiratory 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.
H412 Harmful to aquatic life with long lasting effects.



# **Product Specification**

PRODUCT DETAILS			
Product Name	Menthol Liquid		
Product Code	OEMENTLIQU		
INCI Name	Mentha Piperita		
Country of Origin	China / India		
Tariff Number	33012510		
REACH Registration	01-2119974601-36-0000		
Natural Status	We hereby declare, to the best of our knowledge and from information received		
	from our supplier, that this product is in accordance to the requirements of Articles 3 (2) (d) of Regulation (EC) 1334/2008 and therefore can be designated as natural.		
Food Grade Status	We confirm, from information received from our supplier, that this product conforms with EU Regulations1334/2008 and Regulation (EU) No 872/212 and can be used in food.		
Kosher Certified	Yes		
Halal Certified	We hereby delcare, from information received from our supplier, that this product does not contain any ingredient derived from animal origin, extracted from hair or feathers, animal fats, animal extracts, blood of any origin, blood plasma, pork and/or other meat products. This product does not contain alcohol (ethanol or grain alcohol) and has not been used in the manufacturing process.		
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modified organisms.		
Manufacturing Process	Essential oil of Peppermint, obtained from the herb of Mentha Piperita, Labiatae by steam distillation.		
Identification	CAS No: 84082-70-2 EINECS No: 282-015-4		
	Alternative Cas: 8006-90-4 FEMa Number: 2848		
PHYSICAL AND CHEMICAL C	CHARACTERISTIC		
Appearance	Liquid		
Colour	Colourless tp pale yellow		
Odour	Fresh, cooling mint		
Melting Point	Clear mobile liquid @ 20°c.		
Flash Point	72°c ± 2°		
Relative Density @ 20°c	0.898 - 0.916		
Optical Rotation	-30 to -10c		
Refractive Index @ 20°c	1.457 - 1.467		
Total Menthol content	Min 50%		
FRAGRANCE ALLERGENS			
Limonene (5989-27-5) >= <b>0.01</b> to <=	3.0 Linatool (78-70-6) <1%		
FOOD ALLERGENS			
NONE PRESENT			
IFRA			
Carvone (99-49-0) <b>&lt;0.5%</b>	Trans-2-hexenal (6728-26-3) < 0.1%		
STORAGE AND SHELF LIFE			
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.		
Shelf Life	36 months unopened and stored as above.		
1			



## **Vegan and Vegetarian Statement**

IDENTIFICATION					
Product:	Menthol Liquid				
Cas No:	84082-70-2				
EINECS No:	282-015-4				
STATEMENT					

We, Madar Corporation Limited from information received from our supplier, hereby declare that the material listed above is suitable for the following:

Vegans (Excludes all animal derived products, including dairy, eggs, leather, bee products (beeswax and honey).

Lacto Vegetarians (Same as vegan but allows milk products and bee products.

Ovo Vegetarians (Same as vegan but allows egg products and bee products)

It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.

This document represents to the best of our knowledge and from information received from our supplier. It does not release the buyer from the obligation to carry out an examination of the goods received. All uses made by the buyer are done under their own responsibility.