



## Certificate of Analysis

PRODUCT DETAILS		
Product Name	ALPHA TERPINEOL	
Product Code	RMALPHTERP	
Tariff Number	29061900	
Batch Number	4426304	
Best Before Date	March 2023	
Invoice Number	PINV-22183	
Identification	CAS No: 8000-41-7	EC No: 232-268-1
	Alternative CAS: 98-55-5	FEMA: 3045
PHYSICAL AND CHEMICAL CHARACTERISTIC		
	SPECIFICATION RANGE	RESULTS
Appearance	Liquid/Solid	Conforms
Colour	Colourless	Conforms
Odour	Floral	Conforms
Relative Density @ 20°C	0.932 - 0.938	0.936
Refractive Index @ 20°C	1.4800 - 1.4850	1.484
Flash Point °C	91	Conforms
Assay %		96.7
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	
Shelf Life	24 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.**



## CMR (Carcinogenic, mutagenic, reprotoxic) STATEMENT

*We hereby confirm, to the best of our knowledge and from information received from our supplier, that the below mentioned product does not contain any CMR Substances.*

*However, due to the fact that we do not analyse the batches, we cannot guarantee any explicit assurance.*

*Product:   Alpha Terpineol*

06 April 2021



## SAFETY DATA SHEET ALPHA TERPINEOL

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

#### 1.1. Product identifier

Product name	ALPHA TERPINEOL
Chemical name	PARA-MENTH-1-EN-8-OL
Product number	ALPHAT1000
CAS number	8000-41-7
Alternative Cas Number	98-55-5
EC number	232-268-1
FEMA No:	3045

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

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

Supplier	Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate Fordingbridg SP6 1PA Tel. +44 1425 655 555 e-mail technical@madarcorporation.co.uk
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#### 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
Environmental hazards	Not Classified
Human health	Causes skin irritation. Causes serious eye irritation.

#### 2.2. Label elements

EC number	232-268-1
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#### Hazard pictograms



# ALPHA TERPINEOL

<b>Signal word</b>	Warning
<b>Hazard statements</b>	H315 Causes skin irritation. H319 Causes serious eye irritation.
<b>Precautionary statements</b>	P264 Wash contaminated skin thoroughly after handling. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 If skin irritation 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.
<b>Supplementary precautionary statements</b>	P321 Specific treatment (see medical advice on this label).

## 2.3. Other hazards

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

<b>Product name</b>	ALPHA TERPINEOL
<b>Chemical name</b>	PARA-MENTH-1-EN-8-OL
<b>CAS number</b>	8000-41-7
<b>EC number</b>	232-268-1
<b>Chemical formula</b>	C10 H18 O

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove contamination with soap and water or recognised skin cleansing agent. Continue to rinse for at least 15 minutes and get medical attention.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

<b>General information</b>	No further information available at this time.
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#### 4.3. Indication of any immediate medical attention and special treatment needed

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.
<b>Unsuitable extinguishing media</b>	For safety reasons do not use full water jet.

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

<b>Hazardous combustion products</b>	Irritating or toxic substances may be emitted upon burning, combustion or decomposition
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## ALPHA TERPINEOL

### 5.3. Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapours. Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters** Wear full protective clothing

## SECTION 6: Accidental release measures

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

**Personal precautions** Avoid contact with skin, eyes and clothing. If ventilation is inadequate, suitable respiratory protection must be worn. Keep unnecessary and unprotected personnel away from the spillage. No smoking, sparks, flames or other sources of ignition near spillage. Wash thoroughly after dealing with a spillage.

### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Absorb with liquid binding material (e.g sand, diatomaceous earth, acid or universal binding agents). Collect in closed and suitable containers for disposal. Dispose of contents/container in accordance with national regulations. Do not empty into drains. Do not reuse empty containers.

### 6.4. Reference to other sections

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Do not empty into drains. If ventilation is inadequate, suitable respiratory protection must be worn. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 7.3. Specific end use(s)

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

#### Protective equipment



**Appropriate engineering controls** Provide adequate ventilation. Provide eyewash station

**Personal protection** Use personal protection according to Directive 89/686/EEC

**Eye/face protection** Approved safety goggles.

**Hand protection** Chemical resistant gloves (PVC)

## ALPHA TERPINEOL

<b>Other skin and body protection</b>	Wear an apron.
<b>Hygiene measures</b>	Good personal hygiene procedures should be implemented.
<b>Respiratory protection</b>	Generally unnecessary in a well ventilated area. If ventilation is insufficient, respiratory protection must be worn.
<b>Environmental exposure controls</b>	Avoid discharging into drains.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Solid or liquid (may vary).
<b>Colour</b>	Colourless.
<b>Odour</b>	Floral.
<b>Initial boiling point and range</b>	217°C
<b>Flash point</b>	91°C
<b>Vapour pressure</b>	0.1 mm Hg @ 20°C
<b>Relative density</b>	0.932 - 0.938 @ 20°C
<b>Solubility(ies)</b>	Soluble in ethanol. 370 mg/l water @ 25°C

#### 9.2. Other information

<b>Refractive index</b>	1.4800 - 1.4850 @ 20°C
<b>Hydrocarbon Content</b>	

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	No hazardous reactions if stored and handled as prescribed / indicated.
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#### 10.2. Chemical stability

<b>Stability</b>	Stable under the prescribed storage conditions.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, no hazardous reactions will occur.
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#### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition.
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#### 10.5. Incompatible materials

<b>Materials to avoid</b>	Avoid contact with the following materials: Strong acids. Strong oxidising agents. bases
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#### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	During combustion may form carbon monoxide and unidentified organic compounds.
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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

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**Notes (oral LD<sub>50</sub>)** No information available.

**Skin corrosion/irritation**

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/irritation**

**Serious eye damage/irritation** Causes serious eye irritation.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Acute aquatic toxicity**

**Summary** No data available.

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

**Mobility** No data available.

### 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. Do not empty into drains.

## SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

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

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78**

**and the IBC Code**

## ALPHA TERPINEOL

### SECTION 15: Regulatory information

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

<b>EU legislation</b>	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).
<b>Guidance</b>	CHIP for everyone HSG228.

#### 15.2. Chemical safety assessment

### SECTION 16: Other information

<b>Revision date</b>	12/02/2021
<b>Revision</b>	1
<b>SDS number</b>	5517
<b>Hazard statements in full</b>	H315 Causes skin irritation. H319 Causes serious eye irritation.

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## Product Specification

PRODUCT DETAILS		
Product Name	ALPHA TERPINEOL	
Product Code		
Tariff Number	29061900	
Country of Origin	Spain	
Chemical Name	PARA-MENTH-1-EN-8-OL	
Natural Status	Not Applicable	
Food Grade Status	Not Applicable	
Kosher Certified	Suitable - Can be added	
Halal Certified	Suitable	
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.	
Identification	CAS No: 8000-41-7	EC No: 232-268-1
	Alternative CAS: 98-55-5	FEMA: 3045
PHYSICAL AND CHEMICAL CHARACTERISTIC		
Appearance	Liquid/Solid	
Colour	Colourless	
Odour	Floral	
Relative Density @ 20°C	0.932 - 0.938	
Refractive Index @ 20°C	1.4800 - 1.4850	
Flash Point °C	91	
Solubilities	Soluble in Ethanol Water: 370 mg/l @ 25°C	
FRAGRANCE ALLERGENS		
Citral (5392-40-5) <0.1%	Limonene (5989-27-5) <0.15%	
FOOD ALLERGENS		
NONE PRESENT		
IFRA		
Citral (5392-40-5) <0.1%	Longifolene (475-20-7) <0.2%	
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	
Shelf Life	24 Months unopened and stored as above.	

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## Vegan and Vegetarian Statement

IDENTIFICATION	
Product:	Alpha Terpineol
Cas No:	8000-41-7
EINECS No:	232-268-1
STATEMENT	
<p>We, Madar Corporation kLimited, from information received from our supplier, hereby declare that the material listed above is suitable for the following:</p> <p>Vegans (Excludes all animal derived products, including dairy, eggs, leather, bee products (beeswax and honey).</p> <p>Lacto Vegetarians (Same as vegan but allows milk products and bee products.</p> <p>Ovo Vegetarians (Same as vegan but allows egg products and bee products)</p> <p>It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.</p> <p>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.</p>	