

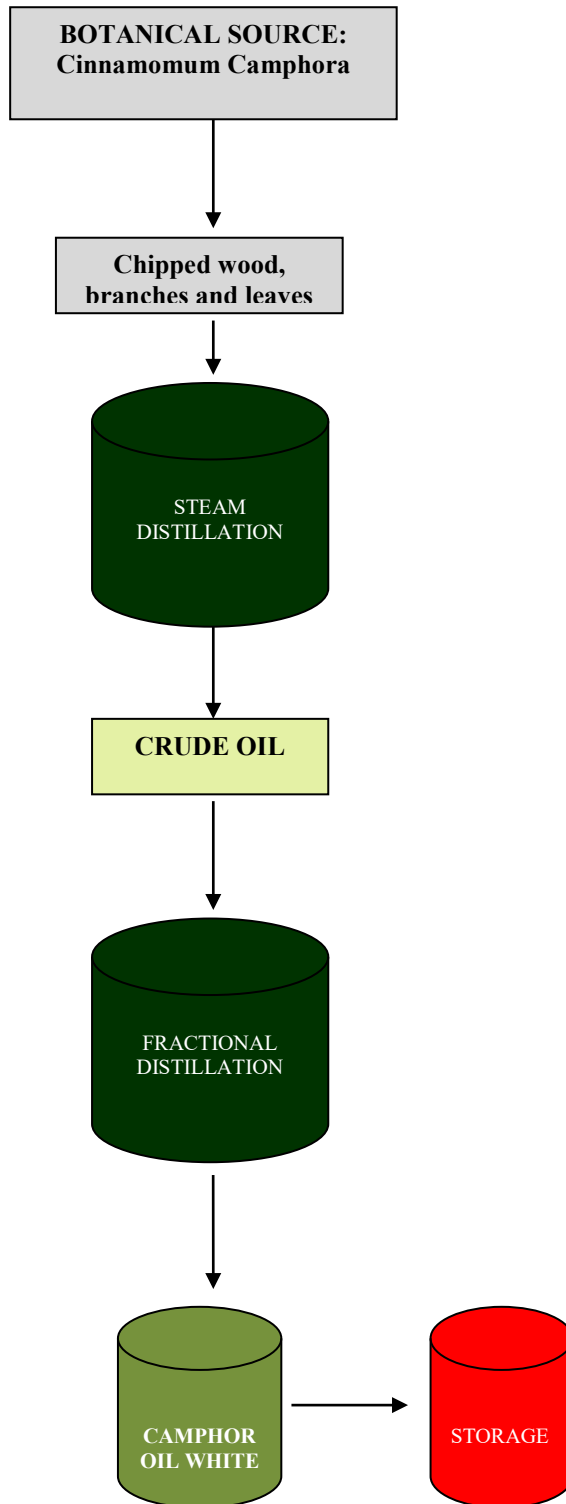
## CERTIFICADO DE ANALISIS

| PRODUCT DETAILS                      |  |                             |               |                          |              |
|--------------------------------------|--|-----------------------------|---------------|--------------------------|--------------|
| Product Name                         | ACEITE ESENCIAL DE ALCANFOR BLANCO   |                             |               |                          |              |
| Product Code                         | OECAMP   |                             |               |                          |              |
| INCI Name                            | Cinnamomum camphora  |                             |               |                          |              |
|                                      |  |                             |               |                          |              |
| Batch Number                         | 4393001  |                             |               |                          |              |
| Best Before End                      | April 2023   |                             |               |                          |              |
|                                      |  |                             |               |                          |              |
| Manufacturing Process                | Essential oil of Cinnamomum camphora (Lauraceae) obtained from fractional distillation of the decamphorized crude camphor oil. |                             |               |                          |              |
| Identification                       | CAS No: 92201-50-8   |                             |               | EINECS No: 295-980-1     |              |
| PHYSICAL AND CHEMICAL CHARACTERISTIC |  |                             |               |                          |              |
|                                      | SPECIFICATION RANGE  |                             |               | RESULT                   |              |
| Appearance                           | Liquid   |                             |               | Conforms                 |              |
| Colour                               | Colourless   |                             |               | Conforms                 |              |
| Odour                                | Characteristic   |                             |               | Conforms                 |              |
| Flash Point                          | 46°C   |                             |               | Conforms                 |              |
| Relative Density @ 20°C              | 0.8700 - 0.9100  |                             |               | 0.882                    |              |
| Refractive Index @ 20°C              | 1.4620 - 1.4720  |                             |               | 1.4665                   |              |
| 1,8 Cineol content                   | 35% min  |                             |               | 40.1                     |              |
| Optical Rotation °                   | +2 to +12  |                             |               | 2.82                     |              |
| MAIN CONSTITUENTS                    |  |                             |               |                          |              |
| CONSTITUENT RANGE                    | RESULTS  | CONSTITUENT RANGE           | RESULTS       | CONSTITUENTS RANGE       | RESULTS      |
| 1, 8 Cineole 33-45%                  | <b>40.10%</b>  | Limonene 8-36%              | <b>21.10%</b> | Alpha Pinene 4-17%       | <b>4.10%</b> |
| P-Cymene 1--12.40%                   | <b>7.10%</b>   | p-mentha-1,4-diene 0.50-10% | <b>2.10%</b>  | Beta Pinene 0.70-9%      | <b>2.30%</b> |
| Alpha Phellandrene 0.50-4%           | <b>1.10%</b>   | Myrcene 0.50-8%             | <b>4.30%</b>  | Sabiene 0.1-25%          | <b>4.60%</b> |
| A Terpinolene 0.09-5%                | <b>1.40%</b>   | p-menth-1-en-8-ol 0.02-3%   | <b>1.40%</b>  | Terpinene-1-ol-4 0.01-3% | <b>1.40%</b> |
| 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.  |                             |               |                          |              |

DESCARGO DE RESPONSABILIDAD: Esta información se refiere solo al material específico designado y puede no ser válida para dicho material utilizado en combinación con cualquier otro material o en cualquier proceso. Dicha información es, lo mejor del conocimiento y la creencia de la Compañía, preciso y confiable a partir de la fecha indicada. Sin embargo, no se hace ninguna garantía, garantía o representación a su exactitud, confiabilidad o integridad. Son los usuarios responsables de cerciorarse de la idoneidad de dicha información para su uso particular. Cuando haga una declaración de que el material alergénico no está presente en ningún producto, esto se hace asumiendo niveles razonables de detección. Es imposible garantizar la "ausencia absoluta" de cualquier material. Es responsabilidad última del cliente garantizar la seguridad del producto final previsto que contenga este material, mediante la realización de ensayos adicionales en caso necesario.



## CAMPHOR OIL WHITE FLOW CHART





**SAFETY DATA SHEET / FICHA DE DATOS DE SEGURIDAD  
CAMPHOR OIL WHITE / ALCANFOR BLANCO ACEITE ESENCIAL**

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

**1.1. Product identifier**

|                                  |   |
|----------------------------------|---|
| <b>Product name</b>              | CAMPHOR OIL WHITE / ALCANFOR BLANCO ACEITE ESENCIAL |
| <b>Product number</b>            | OECAMPWHIT  |
| <b>Synonyms; trade names</b>     | Camphor tree, Cinnamomum camphora ext               |
| <b>REACH registration number</b> | 01-2120082524-56-XXXX                               |
| <b>CAS number</b>                | 92201-50-8  |
| <b>EC number</b>                 | 295-980-1   |

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

|                        |                                       |
|------------------------|---------------------------------------|
| <b>Identified uses</b> | Industrial, only for professional use |
|------------------------|---------------------------------------|

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

|                 |   |
|-----------------|---|
| <b>Supplier</b> | El Jabón Artesanal<br>Victor Vicente Cordovilla<br>C/ Rio Tajo nº 53<br>18110 Las Gabias, (Granada-España)<br>Telf. (+34) 637594492<br>eljabonartesanal@hotmail.com |
|-----------------|---|

**1.4. Emergency telephone number INSTITUTO NACIONAL DE TOXICOLOGIA MADRID 915620420**

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification (EC 1272/2008)**

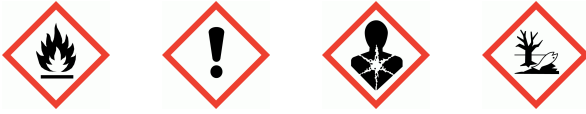
|                              |  |
|------------------------------|--|
| <b>Physical hazards</b>      | Flam. Liq. 3 - H226  |
| <b>Health hazards</b>        | Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Asp. Tox. 1 - H304  |
| <b>Environmental hazards</b> | Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410  |
| <b>Human health</b>          | May be fatal if swallowed and enters airways. The product is irritating to eyes and skin.  |
| <b>Environmental</b>         | The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. |
| <b>Physicochemical</b>       | Flammable liquid and vapour  |

**2.2. Label elements**

|                  |           |
|------------------|-----------|
| <b>EC number</b> | 295-980-1 |
|------------------|-----------|

## CAMPHOR OIL WHITE / ALCANFOR BLANCO ACEITE ESENCIAL

### Pictogram



### Signal word

Danger

### Hazard statements

H226 Flammable liquid and vapour.  
 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.  
 H410 Very toxic 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.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
 P331 Do NOT induce vomiting.  
 P391 Collect spillage.  
 P262 Do not get in eyes, on skin, or on clothing.

### Contains

1, 8 cineole, dipentene, Alpha Pinene, Beta Pinene, Sabinene, a terpinolene

### Supplementary precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P233 Keep container tightly closed.  
 P240 Ground/ bond container and receiving equipment.  
 P241 Use explosion-proof electrical equipment.  
 P242 Use only non-sparking tools.  
 P243 Take precautionary measures against static discharge.  
 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.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 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.  
 P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.  
 P403+P235 Store in a well-ventilated place. Keep cool.  
 P405 Store locked up.  
 P501 Dispose of contents/ container in accordance with national regulations.

### 2.3. Other hazards

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

## CAMPHOR OIL WHITE / ALCANFOR BLANCO ACEITE ESENCIAL

|                           |                        |                   |
|---------------------------|------------------------|-------------------|
| <b>1, 8 cineole</b>       |                        | <b>33 - 45%</b>   |
| CAS number: 470-82-6      | EC number: 207-431-5   |                   |
| <b>Classification</b>     |                        |                   |
| Flam. Liq. 3 - H226       |                        |                   |
| Skin Sens. 1B - H317      |                        |                   |
| <b>dipentene</b>          |                        | <b>8 - 36%</b>    |
| CAS number: 138-86-3      | EC number: 205-341-0   |                   |
| M factor (Acute) = 1      | M factor (Chronic) = 1 |                   |
| <b>Classification</b>     |                        |                   |
| Flam. Liq. 3 - H226       |                        |                   |
| Skin Irrit. 2 - H315      |                        |                   |
| Skin Sens. 1 - H317       |                        |                   |
| Aquatic Acute 1 - H400    |                        |                   |
| Aquatic Chronic 1 - H410  |                        |                   |
| <b>Alpha Pinene</b>       |                        | <b>4 - 17%</b>    |
| CAS number: 80-56-8       | EC number: 201-291-9   |                   |
| M factor (Acute) = 1      | M factor (Chronic) = 1 |                   |
| <b>Classification</b>     |                        |                   |
| 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  |                        |                   |
| <b>p-Cymene</b>           |                        | <b>1 – 12.40%</b> |
| CAS number: 99-87-6       | EC number: 202-796-7   |                   |
| <b>Classification</b>     |                        |                   |
| Flam. Liq. 3 - H226       |                        |                   |
| Skin Irrit. 2 - H315      |                        |                   |
| Eye Irrit. 2 - H319       |                        |                   |
| Asp. Tox. 1 - H304        |                        |                   |
| <b>p-mentha-1,4-diene</b> |                        | <b>0.50 - 10%</b> |
| CAS number: 99-85-4       | EC number: 202-794-6   |                   |
| <b>Classification</b>     |                        |                   |
| Flam. Liq. 3 - H226       |                        |                   |
| Asp. Tox. 1 - H304        |                        |                   |

## CAMPHOR OIL WHITE / ALCANFOR BLANCO ACEITE ESENCIAL

|   |                        |
|---|------------------------|
| <b>Beta Pinene</b>                        | <b>0.70 - 9%</b>       |
| CAS number: 127-91-3                      | EC number: 242-060-2   |
| M factor (Acute) = 1                      | M factor (Chronic) = 1 |
| <b>Classification</b>                     |                        |
| Flam. Liq. 3 - H226                       |                        |
| Skin Irrit. 2 - H315                      |                        |
| Skin Sens. 1 - H317                       |                        |
| Asp. Tox. 1 - H304                        |                        |
| Aquatic Acute 1 - H400                    |                        |
| Aquatic Chronic 1 - H410                  |                        |
| <b>Alpha Phellandrene</b>                 | <b>0.50 - 4%</b>       |
| CAS number: 99-83-2                       | EC number: 202-792-5   |
| <b>Classification</b>                     |                        |
| Flam. Liq. 3 - H226                       |                        |
| Asp. Tox. 1 - H304                        |                        |
| <b>7-methyl-3-methyleneocta-1,6-diene</b> | <b>0.50 - 8%</b>       |
| CAS number: 123-35-3                      | EC number: 204-622-5   |
| M factor (Acute) = 1                      | M factor (Chronic) = 1 |
| <b>Classification</b>                     |                        |
| Flam. Liq. 3 - H226                       |                        |
| Skin Irrit. 2 - H315                      |                        |
| Eye Irrit. 2 - H319                       |                        |
| Skin Sens. 1 - H317                       |                        |
| Asp. Tox. 1 - H304                        |                        |
| Aquatic Acute 1 - H400                    |                        |
| Aquatic Chronic 1 - H410                  |                        |
| <b>Sabinene</b>                           | <b>0.1 - 25%</b>       |
| CAS number: 3387-41-5                     | EC number: 222-212-4   |
| M factor (Acute) = 1                      |                        |
| <b>Classification</b>                     |                        |
| Flam. Liq. 3 - H226                       |                        |
| Skin Irrit. 2 - H315                      |                        |
| Eye Irrit. 2 - H319                       |                        |
| Skin Sens. 1 - H317                       |                        |
| STOT SE 3 - H335                          |                        |
| Aquatic Acute 1 - H400                    |                        |

## CAMPHOR OIL WHITE / ALCANFOR BLANCO ACEITE ESENCIAL

|                          |                        |
|--------------------------|------------------------|
| <b>a terpinolene</b>     | <b>0.09 - 5%</b>       |
| CAS number: 586-62-9     | EC number: 209-578-0   |
| M factor (Acute) = 1     | M factor (Chronic) = 1 |
| <b>Classification</b>    |                        |
| Skin Sens. 1 - H317      |                        |
| Asp. Tox. 1 - H304       |                        |
| Aquatic Acute 1 - H400   |                        |
| Aquatic Chronic 1 - H410 |                        |
| <b>p-menth-1-en-8-ol</b> | <b>0.02 - 3%</b>       |
| CAS number: 98-55-5      | EC number: 202-680-6   |
| <b>Classification</b>    |                        |
| Skin Irrit. 2 - H315     |                        |
| Eye Irrit. 2 - H319      |                        |
| <b>Terpinene-1-ol-4</b>  | <b>0.01 - 3%</b>       |
| CAS number: 562-74-3     | EC number: 209-235-5   |
| <b>Classification</b>    |                        |
| Acute Tox. 4 - H302      |                        |
| Skin Irrit. 2 - H315     |                        |
| Eye Irrit. 2 - H319      |                        |

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

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention immediately.  |
| <b>Ingestion</b>    | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse mouth thoroughly with water. Aspiration hazard if swallowed. Do not induce vomiting. Get medical attention immediately. |
| <b>Skin contact</b> | Wash skin thoroughly with soap and water. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing.  |
| <b>Eye contact</b>  | Remove any contact lenses and open eyelids wide apart. Rinse with 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** Use as appropriate carbon dioxide (CO<sub>2</sub>), dry chemical or foam

**Unsuitable extinguishing media** For safety reasons do not use full water jet.

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

## CAMPHOR OIL WHITE / ALCANFOR BLANCO ACEITE ESENCIAL

**Specific hazards** When heated to decomposition, it emits acrid smoke as well as carbon monoxide and carbon dioxide.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Do not inhale explosion and/or combustion gases. Use self contained breathing apparatus.

**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** No smoking, sparks, flames or other sources of ignition near spillage. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

**Environmental precautions** Do not 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 inert, non-combustible, inorganic absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite). Sweep up and remove to an approved disposal container. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

### 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** Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use. For personal protection, see Section 8.

**Advice on general occupational hygiene** Do not eat, drink or smoke when using this product. Provide eyewash station.

### 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

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

#### **DNEL**

Workers - Inhalation; Long term systemic effects: 7.05 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 2 mg/kg, bw/day  
 General population - Inhalation; Long term systemic effects: 1.74 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 1 bw/day, mg/kg  
 General population - Oral; Long term systemic effects: 600 bw/day, mg/kg



## CAMPHOR OIL WHITE / ALCANFOR BLANCO ACEITE ESENCIAL

- 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/kg
  - Sediment (Marinewater); Short term 0.142 mg/kg
  - Soil; Short term 0.25 mg/kg

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

- DNEL**
- Workers - Inhalation; Long term systemic effects: 3.8 mg/m<sup>3</sup>
  - Workers - Dermal; Long term systemic effects: 0.54 mg/kg, bw/day
  - General population - Inhalation; Long term systemic effects: 0.67 mg/m<sup>3</sup>
  - 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
  - Fresh water, Intermittent release; 3.03 mg/l
  - Marine water; Short term 0.061 mg/l
  - Intermittent release, Marine water; 0.303 mg/l
  - STP; Short term 0.2 mg/l
  - Sediment (Freshwater); Short term 157 mg/kg
  - Sediment (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/m<sup>3</sup>
  - Workers - Dermal; Long term systemic effects: 0.8 mg/kg, bw/day
  - General population - Inhalation; Long term systemic effects: 1 mg/m<sup>3</sup>
  - General population - Dermal; Long term systemic effects: 0.3 bw/day, mg/kg
  - General population - Oral; Long term systemic effects: 0.3 mg/kg, bw/day

- PNEC**
- Fresh water; Short term 1.004 mg/l
  - Intermittent release, Fresh water; 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/m<sup>3</sup>
  - General population - Dermal; Long term systemic effects: 0.42 mg/kg
  - General population - Inhalation; Long term systemic effects: 1.25 mg/m<sup>3</sup>

- PNEC**
- STP; 0.2 mg/l
  - Soil; 1.015 mg/kg
  - Fresh water; 0.00028 mg/l
  - Marine water; 0.0008 mg/l
  - Sediment (Freshwater); 5.022 mg/kg
  - Sediment (Marinewater); 0.502 mg/kg

### a terpinolene (CAS: 586-62-9)

## CAMPHOR OIL WHITE / ALCANFOR BLANCO ACEITE ESENCIAL

|             |   |
|-------------|---|
| <b>DNEL</b> | Workers - Inhalation; Long term systemic effects: 3.6 mg/m <sup>3</sup><br>Workers - Dermal; Long term systemic effects: 0.52 bw/day, mg/kg<br>General population - Inhalation; Long term systemic effects: 0.9 mg/m <sup>3</sup><br>General population - Dermal; Long term systemic effects: 0.26 bw/day, mg/kg<br>General population - Oral; Long term systemic effects: 0.26 bw/day, mg/kg |
|-------------|---|

|             |   |
|-------------|---|
| <b>PNEC</b> | - Fresh water; Short term 0.634 mg/l<br>- Intermittent release, Fresh water; Short term 0.634 mg/l<br>- Marine water; Short term 0.063 mg/l<br>- STP; Short term 0.2 mg/l<br>- Sediment (Freshwater); Short term 14.7 mg/kg<br>- Sediment (Marinewater); Short term 14.7 mg/kg<br>- Soil; Short term 29.1 mg/kg |
|-------------|---|

### p-menth-1-en-8-ol (CAS: 98-55-5)

|             |  |
|-------------|--|
| <b>PNEC</b> | - Fresh water; Short term 68 mg/l<br>- Marine water; Short term 6.8 mg/l<br>- STP; Short term 2.6 mg/l<br>- Sediment (Freshwater); Short term 1.85 mg/kg<br>- Sediment (Marinewater); Short term 0.185 mg/kg<br>- Soil; Short term 0.329 mg/kg |
|-------------|--|

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

### Personal protection

Use personal protection according to Directive 89/686/EEC

### Eye/face protection

Approved safety goggles.

### Hand protection

Chemical resistant gloves (PVC)

### Other skin and body protection

Wear protective clothing.

### 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.

### Environmental exposure controls

Avoid discharging into drains.

## SECTION 9: Physical and Chemical Properties

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

|                      |                                   |
|----------------------|-----------------------------------|
| <b>Appearance</b>    | Liquid.                           |
| <b>Colour</b>        | Colourless.                       |
| <b>Odour</b>         | Characteristic.                   |
| <b>Melting point</b> | REACH dossier information. <-20°C |

## CAMPHOR OIL WHITE / ALCANFOR BLANCO ACEITE ESENCIAL

|  |   |
|--|---|
| <b>Initial boiling point and range</b> | REACH dossier information. 155-172°C @ 1012 hPa   |
| <b>Flash point</b>                     | REACH dossier information. 46°C   |
| <b>Vapour pressure</b>                 | 200 Pa @ 25°C   |
| <b>Relative density</b>                | 0.8700 - 0.9100 @ 20°C  |
| <b>Solubility(ies)</b>                 | Slightly soluble in water. 0.1-100 mg/L   |
| <b>Partition coefficient</b>           | REACH dossier information. Partition coefficient, Log Kow, of the substance Sabinene (CAS 3387-41-5), has been calculated by the model iSafeRat® HA-QSAR toolbox v1.1. Calculation was performed from the input SMILES of Sabinene,, and Sabinene falls inside the Applicability Domain of the model.<br><br>Therefore, the Log Kow value of Sabinene is 4.64. Sabinene cannot be excluded as potential Bioaccumulative in a PBT context. |
| <b>Auto-ignition temperature</b>       | REACH dossier information. The auto ignition temperature of the test substance was measured according to EU A.15/DIN 51794 guideline. Three main tests were performed, the relevant parameters were recorded and results ranged between 254 and 255°C. The lowest result, rounded down to 5°C, i.e., 250°C is retained.   |

### 9.2. Other information

**Refractive index** 1.4620 - 1.4720 @ 20°C

**Hydrocarbon Content**

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** No reaction known with water.

### 10.2. Chemical stability

**Stability** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** No information available

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition.

### 10.5. Incompatible materials

**Materials to avoid** Not known.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** 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

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> 5100 mg/kg, Oral, Rat

## SECTION 12: Ecological Information

### 12.1. Toxicity

## CAMPHOR OIL WHITE / ALCANFOR BLANCO ACEITE ESENCIAL

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

**Partition coefficient** REACH dossier information. Partition coefficient, Log Kow, of the substance Sabinene (CAS 3387-41-5), has been calculated by the model iSafeRat® HA-QSAR toolbox v1.1. Calculation was performed from the input SMILES of Sabinene,, and Sabinene falls inside the Applicability Domain of the model.

Therefore, the Log Kow value of Sabinene is 4.64. Sabinene cannot be excluded as potential Bioaccumulative in a PBT context.

### 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 waste product or used containers in accordance with local regulations

## SECTION 14: Transport information

### 14.1. UN number

|                  |      |
|------------------|------|
| UN No. (ADR/RID) | 1130 |
| UN No. (IMDG)    | 1130 |
| UN No. (ICAO)    | 1130 |
| UN No. (ADN)     | 1130 |

### 14.2. UN proper shipping name

|                                |             |
|--------------------------------|-------------|
| Proper shipping name (ADR/RID) | CAMPHOR OIL |
| Proper shipping name (IMDG)    | CAMPHOR OIL |
| Proper shipping name (ICAO)    | CAMPHOR OIL |
| Proper shipping name (ADN)     | CAMPHOR OIL |

### 14.3. Transport hazard class(es)

|                             |    |
|-----------------------------|----|
| ADR/RID class               | 3  |
| ADR/RID classification code | F1 |
| ADR/RID label               | 3  |
| IMDG class                  | 3  |
| ICAO class/division         | 3  |
| ADN class                   | 3  |

### Transport labels



### 14.4. Packing group

## CAMPHOR OIL WHITE / ALCANFOR BLANCO ACEITE ESENCIAL

|                       |     |
|-----------------------|-----|
| ADR/RID packing group | III |
| IMDG packing group    | III |
| ICAO packing group    | III |
| ADN packing group     | III |

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

|  |          |
|--|----------|
| EmS                                    | F-E, S-E |
| ADR transport category                 | 3        |
| Emergency Action Code                  | 3Y       |
| Hazard Identification Number (ADR/RID) | 30       |
| Tunnel restriction code                | (D/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

#### SECTION 16: Other information

|                           |  |
|---------------------------|--|
| Revision date             | 05/01/2017   |
| Revision                  | 5  |
| Supersedes date           | 06/12/2016   |
| SDS number                | 4758   |
| Hazard statements in full | H226 Flammable liquid and vapour.<br>H302 Harmful if swallowed.<br>H304 May be fatal if swallowed and enters airways.<br>H315 Causes skin irritation.<br>H317 May cause an allergic skin reaction.<br>H319 Causes serious eye irritation.<br>H335 May cause respiratory irritation.<br>H400 Very toxic to aquatic life.<br>H410 Very toxic to aquatic life with long lasting effects.<br>H411 Toxic to aquatic life with long lasting effects. |

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 user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



Substance Name: Essential oil of *Cinnamomum camphora* (Lauraceae) obtained from fractional distillation of the decamphorized crude camphor oil

EC Number: 295-980-1

CAS Number: 92201-50-8

Registrant's Identity:



# Product Specification

## FICHA TECNICA

| PRODUCT DETAILS                      |   |
|--------------------------------------|---|
| Product Name                         | CAMPBOR OIL WHITE / ALCANFOR BLANCO ACEITE ESENCIAL   |
| Product Code                         | OECAMPWHIT  |
| INCI Name                            | Cinnamomum camphora   |
| Country of Origin                    | China   |
| Tariff Number                        | 33012941  |
| REACH Registration                   | 01-2120082524-56-XXXX   |
| 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.  |
| Kosher Certified                     | Yes   |
| Halal Certified                      | We hereby declare, 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 Cinnamomum camphora (Lauraceae) obtained from fractional distillation of the decamphorized crude camphor oil.  |
| Identification                       | CAS No: 92201-50-8 EINECS No: 295-980-1   |
| PHYSICAL AND CHEMICAL CHARACTERISTIC |   |
| Appearance                           | Liquid  |
| Colour                               | Colourless  |
| Odour                                | Characteristic  |
| Melting Point                        | <-20°C  |
| Boiling Point                        | 155-172° @ 1012 hPa   |
| Flash Point                          | 46°C  |
| Vapour Pressure @ 25°C               | 200 Pa  |
| Relative Density @ 20°C              | 0.8700 - 0.9100   |
| Refractive Index @ 20°C              | 1.4620 - 1.4720   |
| 1,8 Cineol content                   | 35% min   |
| FRAGRANCE ALLERGENS                  |   |
| Limonene (5989-27-5 / 138-86-3)      | 8-35.3%   |
| FOOD ALLERGENS                       |   |
| NONE PRESENT                         |   |
| IFRA                                 |   |
|                                      |   |
| STORAGE AND SHELF LIFE               |   |
| Storage                              | Store in tightly closed container with minimum headspace in a cool, dark and dry place.   |