

**88146-MELALEUCA OIL****1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION****1.1 Identification of the substance or preparation**

Name: Melaleuca oil

Bulk code: 88146

Internal code: 52129

**1.2 Synonyms**

Tea tree oil, tea tree essential oil.

**2. DESCRIPTION**

Appearance: Liquid

Colour: Colourless to light yellow

Odour: Characteristic

Origin: Plant

Geographical origin: China, Australia, South Africa.

**3. COMPOSITION/INFORMATION ON COMPONENTS**

CAS: 85085-48-9/8022-72-8/68647-73-4

EINECS: 285-377-1

INCI: *Melaleuca alternifolia* leaf oil

**Method of production:** The essential oil is obtained by distilling water vapour from the leaves of *Melaleuca alternifolia*.

**4. PHYSICO-CHEMICAL DATA**

For more information, see the analysis report.

**Solubility:** Insoluble in water, slightly soluble in alcohol and miscible with fats and oils.

**Incompatibilities:** Incompatible with plastic materials. It is recommended to carry out packaging-compatibility studies prior to packaging.

**5. PROPERTIES/USES**

Cosmetic use.

## 88146-MELALEUCA OIL

**6. DOSAGE**

No information available.

**7. REMARKS****STORAGE:**

Store at room temperature in a cool, dry place in a tightly closed container away from sunlight and heat.

The documentation available related to the product's regulatory compliance is included below.

**BSE/TSE:**

The product is free of any causative agent of bovine spongiform encephalopathy (BSE) or any transmissible spongiform encephalopathy (TSE).

**GMOs:**

Tea tree essential oil meets the requirements set forth by the Regulation (EC).

**CMR:**

Carcinogenicity: Not classified as a carcinogen.

Mutagenicity: Not classified as a mutagen.

Teratogenicity: There is no probable risk.

**SVHC:**

The product does not contain any of the substances included in the current SVHC List.

**NANOMATERIAL:**

Tea tree essential oil does not contain nanomaterials.

**RADIATION:**

The product has not undergone irradiation and is compliant with Directive (EC) 1999/2 (22/02/99).

**PESTICIDES:**

The pesticide content in tea tree essential oil is compliant with Regulation (EC) 1223/2009. It is not expected to contain pesticide residues.

**COLOURANTS/PRESERVATIVES:**

The product does not contain colourants or preservatives.

**RESIDUAL SOLVENTS:**

Due to the nature of the product, the presence of contaminants and/or solvent residues is not expected.

**IMPURITIES:**

The product is free of:

## 88146-MELALEUCA OIL

- PCBs
- Melanins
- Aflatoxins
- Latex
- Silicones
- Formaldehydes
- Phthalates
- Alkylphenols
- Nitrosamines
- Alcohol

### HEAVY METALS:

Tea tree essential oil is compliant with Regulation (EC) 1223/2009 on heavy metals, dioxins, benzopyrenes and PAHs.

### CALIFORNIA PROPOSITION 65:

The product does not contain substances included in the list of said proposition.

### ALLERGENS:

- **Food allergens:** The product does not contain gluten, substances containing gluten or derivatives, crustaceans and derivatives, eggs and derivatives, fish and derivatives, peanuts and derivatives, soy and derivatives, lactose, milk and derivatives, nuts and derivatives, celery and derivatives, mustard and derivatives, sesame grains and derivatives, lupin and derivatives, molluscs and derivatives, sulphur dioxide and sulphites (at concentrations above 10 mg/kg or 10 mg/litre in terms of total SO<sub>2</sub>, for products as proposed ready for consumption or as reconstituted according to the instructions of the manufacturers).
- **Cosmetic allergens:** According to Directive (EC) 2003/15 of 27 February 2003, the product contains:

INCI	CAS	PRESENCE	MAXIMUM CONCENTRATION
Amyl Cinnamal	122-40-7	No	-
Amylcinnamyl Alcohol	101-85-9	No	-
Anise Alcohol	100-51-6	No	-
Benzyl Alcohol	105-13-5	No	-
Benzyl Benzoate	120-51-4	No	-
Benzyl Cinnamate	103-41-3	No	-
Benzyl Salicylate	118-58-1	No	-
Cinnamyl Alcohol	104-54-1	No	-
Cinnamal (Cinnamaldehyde)	104-55-2	No	-
Citral (Geranial + Neral)	5392-40-5	No	-
Citronellol	106-22-9	No	-
Coumarin	91-64-5	No	-
Eugenol	97-53-0	No	-

## 88146-MELALEUCA OIL

Farnesol	4602-84-0	No	-
Alpha-Isomethyl Ionone	127-51-5	No	-
Geraniol	106-24-1	No	-
Hexyl Cinnamal	101-86-0	No	-
Hydroxycitronellal	107-75-5	No	-
Hydroxyisohexyl-3-cyclohexene carboxaldehyde (Lyrall)	31906-04-4	No	-
Isoeugenol	97-54-1	No	-
<b>Limonene</b>	<b>5989-27-5</b>	<b>Yes</b>	<b>5.000%</b>
<b>Linalool</b>	<b>78-70-6</b>	<b>Yes</b>	<b>0.500%</b>
Butylphenyl Methylpropional (Lilial)	80-54-6	No	-
Methyl 2-Octynoate	111-12-6	No	-
Oakmoss	90028-68-5	No	-
Treemoss	90028-67-4	No	-

### HALAL:

The product is 100% natural without any additives and satisfies the following Halal certification requirements:

- Does not consist of or contain anything which is considered to be unlawful according to Islamic Law.
- Has not been prepared, processed, transported or stored using any appliance or facility that was not free from anything unlawful according to Islamic Law.
- Has not been in direct contact with any food that fails to satisfy the above.

### KOSHER:

The product is 100% natural without any additives and satisfies the following Kosher certification requirements:

- Has no ethyl alcohol and this is not used in the production line.
- Does not contain ingredients derived from animals, fish, seafood, milk or grapes or wine.
- Does not contain any ingredients, enzymes or biotechnological processes derived from animals.

### VEGANS/VEGETARIANS:

The product is suitable for vegans/vegetarians.

### TESTED ON ANIMALS:

The product has not been tested on animals.

### PALM OIL:

The product is not derived from palm oil.

### CITES:

It is not included in the CITES Convention (Washington Convention on International Trade in Endangered Species of Wild Fauna and Flora).

## 88146-MELALEUCA OIL

### ISO 16128:

The product is 100% pure and natural, without any additives.

According to ISO 16128-1:2018, its natural origin index is 1.

### IFRA 50:

The product is compliant with INTERNATIONAL FRAGRANCE ASSOCIATION standards (IFRA 50th Amendment of June 2021), provided that the class(es) are used at a maximum concentration level of:

IFRA CATEGORIES		Max. use %
1	Products applied to the lips	1.160
2	Products applied to the underarms	4.600
3	Products applied to the face/body using the fingertips	0.580
4	Products related to fine fragrance	32.000
5A	Body lotion products applied to the body using the hands (palms), primarily leave-on	4.000
5B	Face moisturiser products applied to the face using the hands (palms), primarily leave-on	1.160
5C	Hand cream products applied to the hands using the hands (palms), primarily leave-on	1.160
5D	Baby creams, baby oils and baby talc	0.380
6	Products with oral and lip exposure	2.800
7A	Rinse-off products applied to the hair with some hand contact	1.160
7B	Leave-on products applied to the hair with some hand contact	1.160
8	Products with significant anogenital exposure	0.380
9	Products with body and hand exposure, primarily rinse-off	1.740
10A	Household care products with mostly hand contact Household care excluding aerosol/spray products	1.740
10B	Household care products with mostly hand contact Household aerosol/spray products	6.400
11A	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure	0.380
11B	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure	0.380
12	Products not intended for direct skin contact, minimal or insignificant transfer to skin	100.000

- **Recommendation:** Information on the presence and concentration of IFRA restricted/prohibited materials in fragrance compounds is as follows:

RESTRICTED MATERIALS	CAS	%
Limonene*	5989-27-5	5.000
Linalool*	78-70-6	0.500
Methyl eugenol	93-15-2	0.050



**GUINAMA**

GUINAMA. Laboratory distributor of raw materials for the pharmaceutical and cosmetics industries.

Type of document:

TECHNICAL DATA SHEET

Review date:

20.01.2023

Version:

8.0

88146-MELALEUCA OIL

*\*Restricted under specifications.*

- **Prohibited materials:** None.  
Detection limit < 0.05%

It is the customer's ultimate responsibility to ensure the safety of the final product (containing this compound) by conducting further testing if necessary.

**REACH:**

01-2120743651-57-XXXX.

**TARIFF ITEM NUMBER:**

3301294900.