

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.

Color: Colorless to light yellow.

Smell : Characteristic.

Vegetable origin.

Geographic 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 leaves oil*

Obtaining method: The essential oil is obtained by steam distillation of *Melaleuca leaves. alternifolia*.

4. PHYSICAL-CHEMICAL DATA.

For more detailed information, consult the analysis bulletin.

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 container-product compatibility studies prior to packaging.

5. PROPERTIES/USES.

Cosmetic use.

The product has been manufactured under ISO 4730:2025 regulations.

88146-MELALEUCA OIL**6. DOSAGE.**

No data available.

7. OBSERVATIONS.**STORAGE:**

Store at room temperature, in a cool, dry place, protected from light and with the container tightly closed , away from heat sources.

The documentation corresponding to the regulatory part of the product that is available for it is what we reflect below

BSE/TSE:

The product is free of any causative agent of Bovine Spongiform Encephalopathy (BSE) or any Transmissible Spongiform Encephalopathy (TSE).

GMO:

Tea tree essential oil meets the requirements established by the CE regulation.

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 list of SVHC substances.

NANOMATERIAL:

Tea tree essential oil does not contain nanomaterials .

RADIATION:

The product has not been irradiated and is in compliance with Directive 1999/2/EC (02/22/99).

PESTICIDES:

The pesticide content in tea tree essential oil complies with regulation RE1223/2009. It is not expected to contain pesticide residues.

DYES/PRESERVATIVES:

The product does not contain dyes or preservatives.

RESIDUAL SOLVENTS:

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

88146-MELALEUCA OIL**IMPURITIES:**

The product is free of:

- PCBs
- Melanins
- Aflatoxins
- Latex
- Silicones
- Formaldehydes
- Phthalates
- Alkyphenols
- Nitrosamines
- Alcohol
- Hexyl salicilate

HEAVY METALS:

Tea tree essential oil is in compliance with European Regulation 1223/2009 on heavy metals, dioxins, benzopyrenes and PAHs.

CALIFORNIA PROPOSITION 65:

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

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, lupins and derivatives, mollusks and derivatives, sulfur dioxide and sulfites (In concentrations greater than 10 mg/kg or 10 mg/liter in terms of total SO₂, for products ready for consumption consumption or reconstituted according to the manufacturer's instructions)
- **Cosmetic allergens:** According to the European directive 2003/15/EC of February 27, 2003, the European Regulation (EC) 1223/2009 of November 30, 2009 and according to the European Regulation (EC) 2023/1545 of July 26, 2023 .

The presence of allergenic substances in a given product must be indicated on the label when their maximum concentration exceeds 100 ppm (0.01%) for rinsed products, and 10 ppm (0.0015) for unrinsed products.

88146-MELALEUCA OIL

INCI	CAS	PRESENCE	MAXIMUM CONCENTRATION (%)
3-propylindene phthalide	17369-59-4	No	-
Acetyl cedrene	32388-55-9	No	-
Amyl Cinnamal	122-40-7	No	-
Amyl salicylate	2050-08-0	No	-
Amylcinnamyl Alcohol	101-85-9	No	-
Anethole	104-46-1 4180-23-8	No	-
Anise Alcohol	100-51-6	No	-
Bezaldehide	100-52-7	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	-
Butylphenyl methylpropional (Lilial)	80-54-6	No	-
Camphor	76-22-2 21368-68-3 464-49-3 464-48-2	No	-
Cananga odorata (Flower Extract, Flower oil)	83863-30-3 8006-81-3 68606-83-7 93686-30-7	No	-
Carvone	99-49-0 6485-40-1 2244-16-8	No	-
Cedrus atlantica (Bark Extract, Bark oil, Bark Water, Leaf Water, Wood extract, Wood oil)	92201-55-3 8023-85-6	No	-
Cinnamal	104-55-2	No	-
Cinnamomum Cassia Leaf oil	8007-80-5 84961-46-6	No	-
Cinnamomum zeylanicum Bark oil	8015-91-6 84649-98-9	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	-
Citrus aurantium amara Flower Oil	72968-50-4 8028-48-6	No	-
Citrus aurantium Dulcis Peel Oil	97766-30-8 8008-56-8	No	-
Coumarin	91-64-5	No	-
Cymbopogon schoenanthus Oil	8007-02-1	No	-
Cymbopogon flexuosus Oil	89998-16-3	No	-

88146-MELALEUCA OIL

Cymbopogon citratus Leaf Oil	91844-92-7	No	-
Dimethyl phenethyl acetate	151-05-3	No	-
Eucalyptus globulus (Leaf oil, Leaf/Twig Oil)	97926-404 8000-48-4	No	-
Eugenia caryophyllus (Leaf Oil, Flower Oil, Stem Oil, Bud Oil)	8000-34-8 8015-97-2 84961-50-2	No	-
Eugenol	97-53-0	No	-
Eugenyl acetate	93-28-7	No	-
Evernia furfuracea Extract (Treemoss)	90028-67-4	No	-
Evernia prunatri Extract (Oakmoss)	90028-678-5	No	-
Farnesol	4602-84-0	No	-
Alpha-Isomethyl Ionone	127-51-5	No	-
Geraniol	106-24-1	No	-
Geranyl acetate	105-87-3	No	-
Hexadecanolactone	109-29-5	No	-
Hexamethylindanopyran	1222-05-5	No	-
Hexyl Cinnamal	101-86-0	No	-
Hydroxycitronellal	107-75-5	No	-
Hydroxyisohexyl-3-cyclohexene carboxaldehyde (Lyral)	31906-04-4	No	-
Isoeugenol	97-54-1	No	-
Isoeugenyl acetate	93-29-8	No	-
Jasminum graniflour flower extract	84776-64-7 90045-94-6	No	-
Jasminum officinale (Oil, Flower extract)	8022-96-6 8024-43-9	No	-
Juniperus virginiana (Oil, Wood oil)	8000-27-9 85085-41-2	No	-
Laura nobilis Leaf Oil	8000-41-3 8007-48-5 84603-73-6	No	-
lavandula hybrida (Oil, Extract, Flower Extract)	91722-69-6 8022-15-9 93455-96-0	No	-
lavandula intermedia (Floer /Leaf/Stem Extract, Flower/Leaf/Stem Oil, Oil)	93455-97-1 92623-76-2	No	-
lavandula angustifolia (Oil, Flower/Leaf/Stem Extract)	84776-65-8 8000-28-0 90063-37-9	No	-
Limonene	138-86-3 7705-14-8 5989-27-5	Yeah	0.8

88146-MELALEUCA OIL

	5989-54-8		
Linalool	78-70-6	No	-
Linalyl acetate	115-95-7	No	-
Lippia citriodora absolutely	8024-12-2 85116-63-8	No	-
Mint piperite Oil	806-90-4 84082-70-2	No	-
Mint spicata oil	808-79-5	No	-
Mint spicata oil	8008-79-5	No	-
Mint vidris Lead oil	84696-51-5	No	-
Menthol	89-78-1 1490-04-6 2216-51-5 15356-60-2	No	-
Methyl 2-octynoate	111-12-6	No	-
Methyl salicylate	119-36-8	No	-
Myroxilon balsamum pereirae (Balsam Extract, Balsam Oil, Oil, Resin Extract, Resin)	8007-00-9	No	-
Narcissus poeticus Extract	90064-26-9	No	-
Narcissus pseudonarcisus Flower Extract	68917-12-4	No	-
Narcissus jonquilla Extract	90064-27-0	No	-
Narcissus tazetta Extract	9064-25-8	No	-
Pelargonium graveolens Flower Oil	90082-51-2 8000-46-2	No	-
Pinene	80-56-8 7785-70-8 127-91-3 18172-67-3	No	-
pine mugo (Leaf Oil, Twig/Leaf Extract, Twig Oil)	90082-72-7	No	-
pine pumila (Needle Extract, Twig/Leaf Extract, wig/Leaf Oil)	97676-05-6	No	-
Pogostemon cablin Oil	8014-09-3 84238-39-1	No	-
Rosa alba (Flower Oil, Flower Extract)	8007-01-0	No	-
Rosa canina Flower Oil	90106-38-0	No	-
Rosa centifolia (Flower Oil, Flower extract)	93334-48-6	No	-
Rosa damascena (Flower Oil, Flower extract)	84696-47-9	No	-
Rosa gallica Flower Oil	84604-16-6	No	-
Rosa moschata Flower Oil	84604-13-7	No	-
Rosa rugosa Flower Oil	92347-25-6	No	-

88146-MELALEUCA OIL

Salicylaldehyde	90-02-8	No	-
Santalol	11031-45-1	No	-
Santalum album Oil	8006-87-9 84787-70-2	No	-
Sclareol	515-03-7	No	-
B - Caryophyllene	87-44-5	No	-
Terpineol	8000-41-7 98-55-5 138-87-4 586-81-2	Yeah	3.0
Terpinolene	586-81-2 586-62-9	Yeah	3.5
Tetramethyl acetyloctahydronaphthalenes	5446-57-2 544-56-59-4 68155-66-8 68155-67-9	No	-
Trimethylbenzenepropanol	103694-68-4	No	-
Trimethylcyclopentenyl Methylisopentenol	67801-20-1	No	-
Turpentine	9005-90-7 8006-64-2 852-14-0	No	-
Vanillin	121-33-5	No	-
α Damascone	43052-87-5	No	-
Cis -Rose ketone 1	23726-94-5	No	-
Trans-Rose ketone 1	24720-09-0	No	-
Damascus	23696-85-7	No	-
δ- Damascone	57378-68-4	No	-
Trans-Rose ketone 3	71048-82-3	No	-
Cis - β - Damascone	23726-92-3	No	-
Trans- β - Damascone	23726-91-2	No	-
α - Isomethyl ionone	127-51-5	No	-
α - Terpinene	99-86-5	Yeah	9.7

The data indicated in this document is based on the knowledge and information available at the time of its issuance, based on analytical data not collected for each batch. It is our customer's responsibility to ensure the safety of the final product (containing this raw material) by further testing if necessary.

HALAL:

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

- Do not include or contain in its composition anything that is considered illegal under Islamic law.

88146-MELALEUCA OIL

- Food must be prepared, processed, transported or stored, using devices or means that are exempt from that which is unlawful according to Islamic law.
- Not having been in direct contact with other foods that do not meet the above requirements

KOSHER:

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

- It does not contain ethyl alcohol nor has it been used in the production line.
- It does not contain ingredients derived from animal origin, fish, shellfish, milk, grapes or wine.
- It does not contain any ingredients, enzymes or biotechnological processes derived from animal origin.

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).

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:

Based on the knowledge of our suppliers, the product complies with the standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA 51 amendment of June 2023), provided that it is used in the classes established at a maximum concentration level according to the following table:

IFRA CATEGORIES		% Max . use
1	Products that are applied to the lips	1.59
2	Products that are applied to the armpits	5.68
3	Products that are applied to the face/body using the fingertips	1.59
4	Fine Fragrance Related Products	41.62

88146-MELALEUCA OIL

5A	Body lotion products that are applied to the body with the hands (palms), mainly to leave	5.68
5B	Facial moisturizing products that are applied to the face with the hands (palms), mainly to leave	0.79
5C	Hand cream products applied to the hand with hands (palms), mainly to leave	1.59
5 D	Baby creams, baby oils and baby powders	0.26
6	Products with oral and labial exposure	3.78
7A	Rinsing products applied to hair with some contact with hands	1.59
7B	Leave-in products applied to hair with any contact with hands	1.59
8	Products with significant anogenital exposure	0.26
9	Products with body and hand exposure, mainly for rinsing	6.43
10A	Home care products with primarily hand contact: Home care excluding aerosol/spray products	2.35
10B	Home care products with primarily hand contact: Aerosol/spray household products	7.95
11A	Products with intended skin contact but minimal fragrance transfer to skin from an inert substrate without UV exposure	0.26
11B	Products with intended skin contact but minimal fragrance transfer to skin from an inert substrate with potential UV exposure	0.26
12	Products not intended for direct contact with skin, minimal or negligible transfer to skin	100,000

Detection limit: <0.05%

- **Recommendation** : Substances regulated by IFRA in raw materials

SUBSTANCE	CAS	%
Limonene	138-86-3	It should only be used when the level of peroxides is kept as low as possible. For example, adding antioxidants at the time of production. These products must have a peroxide value of less than 20 millimoles of peroxides per liter, determined according to the FMA method.
Methyl eugenol *	93-15-2	0.026

**Restricted under specifications.*

- **Prohibited materials**: None.

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



GUINAMA. Laboratory distributor of raw materials for the pharmacy and cosmetics sectors .

Document type:

DATA SHEET

Review date:

17/12/2025

Version:

12.0

88146-MELALEUCA OIL

REACH:

01-2120743651-57-XXXX.

TARIFF ITEM:

3301294900.