



## TECHNICAL DATA SHEET

Product: **O.E. EUCALIPTO NATURALE PURO**

SHELF LIFE 18 months

TEST	METHOD	min - max	u.m.
INCI NAME		Eucalyptus Globulus Leaf Oil	
CTFA NAME		Eucalyptus Globulus Leaf Oil	
CAS Number		8000-48-4	
EINECS/ELINCS Number		283-406-2	
FEMA number		2466	
Olfactive Note		Characteristic, citronellal like	
Colour and Appearance		Colourless to pale yellow, liquid	
Density (20°C)		0,906 - 0,925	g/ml
Refractive Index (20°C)		1,458 - 1,465	
Optical Rotation		0,00 - 10,00	°
Flash Point		49 - 0	° C
Solubility		in ethanol at 70 % 1,5 V +	
Limonene		2,00 - 15,00	%
Linalol		0,00 - 0,20	%
Arsenic		<0,1	mg/Kg
Cadmium		<0,01	mg/Kg
Mercure		<0,005	mg/Kg
Plomb		<0,1	mg/Kg
Rev.		0	
Approval Date		27/01/2012	



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DEFINITION: Eucalyptus essential oil is obtained by steam distillation of the leaves of Eucalyptus globulus Labillardiere (Myrtaceae).

STORAGE: To be stored at room temperature, in a dry place in tightly - closed containers preferably full. Protect from light. When stored for more than 18 months, quality should be checked before use.

HANDLING: According to IFRA CODE of practice.

RECOMMENDED USES: multi uses.

CAUTION: Concentrated product for industrial use avoid contact with eyes and mucous. Do not drink.

We, H.REYNAUD & FILS confirm that this product is listed in the FEMA, F.D.A. (Food and Drug Administration) and Council of Europe registers so can be used in food utilization and comply with flavour directive 88/388/EEC).

We hereby declare that the above mentioned product is of natural origin and is obtained exclusively by physical (including distillation and solvent extraction), microbiological or enzymatic processes from material of vegetable or animal origin either in the raw state or after processing for human consumption by traditional food-preparation processes.

We hereby declare that the above mentioned product does not contain Latex.

We further certify that we have not added to it any substance which does not comply with these definitions apart from the following solvents, antioxidants or other additives:

-Solvents: /

-Antioxidants: /

-Other additives: /

Apart from these solvents, antioxidants and other additives, Eucalyptus essential oil is obtained by steam distillation of the leaves of Eucalyptus globulus Labillardiere (Myrtaceae).

We, H.REYNAUD & FILS, declare that the following products (or derivatives) are not part of the composition of the EUCALYPTUS OIL:

- Cereals containing gluten
- Crustaceans
- Eggs
- Fish
- Peanut
- Soya
- Milk
- Nuts (almond, Brazil nut, pecan nut, cashew nut, hazelnut, Macadamia and Queensland nut, walnut, pistachio)
- Celery
- Mustard
- Sesame seeds
- Sulphur dioxide and sulphites in concentration  $\geq 10$  mg/Kg
- Molluscs
- Lupin

DECLARATION CMR: the product contain none the substances listed to Directive 2009/2/EC of the

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Committee on January 15, 2009 (30th Adaptation Directive 67/548/EC)

- I (cancerogenic 1 or 2)
- II (mutagen 1 or 2)
- III (toxic substances for human reproduction 1 or 2)

IFRA CONFORMITY CERTIFICATE: Recommended use for the product: 0,1 -2 %

Concentration of maximum use: we certify that the above compound is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA - 46th amendment/published june, 2011), provided it is used in the following class(es) at a maximum concentration level of:

- Catégorie 1: Unlimited
- Catégorie 2: Unlimited
- Catégorie 3: Unlimited
- Catégorie 4: Unlimited
- Catégorie 5: Unlimited
- Catégorie 6: Unlimited
- Catégorie 7: Unlimited
- Catégorie 8: Unlimited
- Catégorie 9: Unlimited
- Catégorie 10: Unlimited
- Catégorie 11: Not determined

If the product is used at a higher concentration or in other kind of product, a new evaluation of harmless ness is necessary.

Volatile Organic Compound VOC: d-Limonene 2.0 - 15.0 %; Thymene 1.0 - 10.0 %

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