



azienda chimica e farmaceutica

TECHNICAL DATA SHEET

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

SHELF LIFE 6 months

TEST	METHOD	min - max	u.m.
INCI NAME		Citrus Limon Peel Oil	
CTFA NAME		Citrus Limon (Lemon) Peel Oil	
CAS Number		8008-56-8/84929-31-7	
EINECS/ELINCS Number		-/284-515-8	
FEMA number		2625	
FDA number		182.200	
CoE number		139n	
Olfactive Note		characteristic fresh	
Colour and Appearance		pale yellow to greenish, liquid	
Density (20°C)		0,844 - 0,854	g/ml
Refractive Index (20°C)		1,458 - 1,479	
Optical Rotation		59,00 - 70,00	°
Flash Point		48 - 0	° C
Solubility		in ethanol	
Limonene		65,00 - 75,00	%
Citral	GLC	0,00 - 1,00	%
Linalol		0,00 - 0,50	%
Food Allergens		0 %	
GMO		0 %	
VOC: d-limonene	GLC	65,00 - 75,00	%
VOC: P-cymene (thymene)	GLC	0,00 - 0,60	%
Rev.		0	
Approval Date		24/10/2011	



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DEFINITION: Lemon essential oil is obtained by cold expression (mechanical or manual) of the peel of the fruit of Citrus limonum (Linnaeus)NL Burman.

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 6 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 conform by the norm F.D.A. (Food and Drug Administration) and CoE (Council of Europe).

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 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, Lemon essential oil is obtained by cold expression (mechanical or manual) of the peel of the fruit of Citrus limon (Linnaeus) NL Burman.

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: limited to: 11.76 %
Catégorie 2: limited to: 14.71 %
Catégorie 3: limited to: 58.82 %
Catégorie 4: Unlimited
Catégorie 5: limited to: 88.24 %
Catégorie 6: Unlimited
Catégorie 7: limited to: 29.41 %
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 harmlessness is necessary.

DECLARATION CMR:

WE, H. REYNAUD & FILS, certify that the product contains none the substances listed to Directive 2009/2/EC



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of the 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)
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