



azienda chimica e farmaceutica

TECHNICAL DATA SHEET

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

SHELF LIFE 6 months

TEST	METHOD	min - max	u.m.
INCI NAME		Citrus Grandis Oil	
CTFA NAME		Citrus Grandis (Grapefruit) Peel Oil	
CAS Number		8016-20-4	
Olfactive Note		fresh, bitter	
Colour and Appearance		yellow, liquid	
Density (20°C)		0,842 - 0,856	g/ml
Refractive Index (20°C)		1,465 - 1,479	
Optical Rotation		85,00 - 102,00	°
Flash Point		49 - 0	° C
Solubility		in ethanol	
Limonene		93,00 - 96,00	%
Citral	GLC	0,00 - 0,50	%
Arsenic		<0,1	mg/Kg
Cadmium		<0,01	mg/Kg
Mercure		<0,005	mg/Kg
Plomb		<0,1	mg/Kg
Food Allergens		0 %	
GMO		0 %	
Rev.		0	
Approval Date		21/10/2011	



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DEFINITION: Grapefruit essential oil is obtained by cold expression (mechanical or manual) from the peel of the fruit of Citrus Paradisi Macfad Citrus decumana Linnaeus.

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 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, Grapefruit essential oil is obtained by cold expression (mechanical or manual) from the peel of the fruit of Citrus paradisi Macfad Citrus decumana Linnaeus.

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).

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: 257 %
Catégorie 2: limited to: 31.25 %
Catégorie 3: Unlimited
Catégorie 4: Unlimited
Catégorie 5: Unlimited
Catégorie 6: Unlimited
Catégorie 7: limited to: 62.5 %
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.

Volatile Organic Compound VOC: d-Limonene 93.0 - 96.0 %



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