

DATA SHEET

Substance identification:

Trade code:	OE0092
Trade name:	BERGAMOTTO LAVATO ESS 100%
INCI name:	Citrus Bergamia peel oil expressed
Ph Eu name:	N.D.
Binominal name:	CITRUS BERGAMIA Risso & Poit., aetheroleum
Synonyms:	o.e. Bergamotto lavato; Bergamot oil (citrus aurantium l. subsp. bergamia wright et arn.), bergaptene free; Bergamot (bergaptene free) essential oil; Citrus Aurantium l. subsp. Bergamia wright et arn. oil, bergaptene free; Bergamotte ätherische Öl., ohne bergapten; Citrus Aurantium Bergamia oil, bergaptene free; l'huile essentielle de Bergamote, sans bergaptène.
CAS number:	8007-75-8
EC number:	289-612-9
EC-CAS number:	89957-91-5
FEMA number:	2153
CoE number:	137n
REACH number:	01-2120117613-65-xxxx
Chemical group:	NCS (Natural Complex Substances)
Chemical formulation:	N.A.
Moleculare mass:	N.A.
Tariff number:	3301 1920 00
VAT code:	IT03360640159
Product type:	Pure essential oil, 100% PPAI (Physically Processed Agro-Ingredients).
NatID Status:	natural vegetal origin
Flow Chart:	ISO 9235:2013 (2.5/2.33) - By expression, cold-press process, and following alcoholic washed for elimination of the some aromatic fractions of the fruit of CITRUS BERGAMIA, Rutaceae.
Origin:	Italy
Title:	30-60% Limonene; 15-25% Ac. linalile; 3-10% Linalolo
Hydrocarbons:	55 %
Specification:	

2. Physical and chemical properties

Appearance:	limpid liquid
Colour:	colourless to straw yellow
Odour/Taste:	bergamot, citric, ., ., ., ., ., ., ., ., .
Flash point:	57 °C
Relative density:	0.852 - 0.872 g/ml (20°C)
Refractive Index:	1.458 - 1.478 (20°C)
Solubility:	liposoluble (ethanol, oils and lipid)
Melting point:	N.A.
pH:	7.00 (+/- 0.5)
Energy value / Heating value:	37 kJ / g = 9 kcal / g
Autoignition temperature:	N.A.
Melting point:	N.A.
Solid/gas flammability:	N.A.
Explosive properties:	N.A.
Oxidizing properties:	N.A.
Vapour pressure:	N.A.
Partition coefficient:	3.93 logP (20°)
Optical rotation:	+25 / +50 ° (20°C)

3. Additional data

Safety

A concentrated product for industrial use.
Avoid contact with eyes and mucous membranes. Do not eat.

Storage

Store the product in tightly sealed containers, in a well-ventilated (<20 ° C), dry and dark room, no longer than 12 months from the date of manufacture.

Note

The chemical and physical values, olfactive note and colour, can be change in base of changeableness of natural raw material or by technical improvement.

4. Company/undertaking identification

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