

## TECHNICAL DATA SHEET

Effective date: 11.2024

### Patchouli Essential Oil

#### INFORMATION ON SUBSTANCE / MIXTURE

INCI	Pogostemon cablin leaf oil
Botanical name	Pogostemon cablin Bentham
Manufacturing process	Steam distillation of dry leaves, 100% pure and natural
Part used	Leaves
Main components	Patchoulol, alpha-bulnesene, alpha-guaiene
Raw material category	Ingredient for cosmetics, personal care, aromatherapy

#### TECHNICAL DATA

##### Physical parameters

Appearance	Liquid viscous
Color	Yellow to reddish brown
Odor	Woody, earthy
Relative density (d20/20)	[0.952 ; 0.975]
Refractive index at 20°C	[1.505 ; 1.515]
Specific rotation (°)	[-60 ; -45]
Flash point °C	+110
Solubility	Soluble in ethanol, soluble in oil, insoluble in water

##### Biological parameters

Total aerobic microbial count	< 1000 cfu/ g
Total yeast and mould count	< 100 cfu/g
Pathogens (Escherichia coli, Candida albicans, Pseudomonas aeruginosa, Staphylococcus aureus)	Absent/1g

#### TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Store in cool, dry and ventilated area, away from heat sources, sparks and open flames, protected from light in tightly closed original container.
Shelf Life	Min 48 months at the recommended storage conditions.

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#### LEGISLATION, STATEMENTS

CAS No.	8014-09-3
BSE/TSE	Produced in the absence of any animal derived material of any type. No contamination with BSE/ TSE Bovine Spongiform Encephalopathy risk materials is to be expected.
GMO status	Product does not come from plants being or having been submitted to a program of genetic modification.
Nanomaterial statement	Not expected to contain any nanomaterial meaning an insoluble or biopersistent and intentionally manufactured material with one or more external dimensions, or an internal structure, on the scale from 1 to 100 nm, as defined in Regulation (EC) No 1223/2009 on cosmetic products and the Commission Recommendation 2011/696/EU.
Microplastics	The product does not contain any Microplastic according to Annex XVII to REGULATION (EC) No 1907/2006 Of The European Parliament And Of The Council and its amendments.
Irradiation	This product has not been subjected to irradiation.
Gluten- Status	Not expected to contain gluten. The product can be considered as gluten-free as it does not contain ingredients derived from grain (e.g. wheat, rye or barley) or does not contain detectable levels of gluten.
Other Free from status	Dioxin, Formaldehyde, Phthalates
Animal testing	This product has not been the subject of animal testing for cosmetic purposes according to EC Regulation 1223/2009
Information for Vegan Assessment	Vegan and Vegetarian suitable. Manufacture does not involve the use of any animal product, by-product or ingredient. This product meets Vegan requirements, but it is not certified.

#### LABELING

Hazard pictograms	 
Hazard statements	H304 - May be fatal if swallowed and enters airways. H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements	P273 - Avoid release to the environment.

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	<p>P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P315: Get immediate medical advice/attention. P391: Collect spillage. P405: Store locked up. P501 - Dispose of contents/container in accordance with local/ regional/ national/ international regulation.</p>
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#### DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.