

**TECHNICAL DATA SHEET**

Effective date: 04.2019

Pure 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 |

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 |

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 | 48 months under good storage conditions |
| Transport | UN 3082 Environmentally hazardous substance, liquid, N.O.S. (patchoulol), 9, III |

LEGISLATION

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|-------------------|---|
| Certification | -- |
| IFRA restrictions | Not explicitly regulated by IFRA. It contains maximum 0.1% limonene classified "S" (specified) and 0.01 % toluene classified "P" (prohibited) naturally present |
| EINECS | 84238-39-1 |
| FEMA | 2838 |

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|-----|-----------|
| FDA | 172.510 |
| COE | 353n |
| CAS | 8014-09-3 |

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. 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. |

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.