



TECHNICAL DATA SHEET

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PATCHOULI OIL

Version: 1.4

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

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Name : PATCHOULI OIL
Product code : PATHE02

SECTION 2: PRODUCTION PROCESS

Manufacture : Watersteam distillation of Pogostemon cablin leaves

SECTION 3: REGULATORY SITUATION

Identification of the product : Essential oil
Botanical name : Pogostemon cablin (Blanco) Benth.
INCI Name : POGOSTEMON CABLIN LEAF OIL
Synonyms : CAS USA No : 8014-09-3
CAS-No. : 84238-39-1
EC-No. : 282-493-4
FEMA : 2838
FDA : 172.510
CEE : 353n

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Appearance : Liquid. Viscous.
Colour : Yellow. brown. dark red.
Odour : characteristic. woody. strong.

Flash point : 116 °C
Relative density : 0,952 – 0,975
Refractive index : 1,505 – 1,515
Optical rotation : -60 – -40 °
Solubility : Poorly soluble in water.

Composition :

- BETA-PATCHOULENE : 1.8 - 3.5 %
- PATCHOULOL : 27 - 35 %
- ALPHA-GUAIENE : 11 - 16 %
- BETA-CARYOPHYLLENE : 2 - 5 %
- ALPHA- BULSENE : 13 - 21 %
- NOR-PATCHOULENOL : 0.35 - 1.0 %
- POGOSTOL : 1.0 - 2.5 %
- ALPHA-PATCHOULENE : 2.0 - 16.0 %

SECTION 5: Handling and storage

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources. Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

Maximum storage period : 36 months Shelf life to guarantee the quality and properties of the product; After this period, it is recommended to control organoleptic and physicochemical properties before using the raw material.

Storage temperature : ~ 18 (5 – 25) °C

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Technical data sheet

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.