



TECHNICAL DATA SHEET

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ORGANIC CAJEPUT OIL

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

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Name : ORGANIC CAJEPUT OIL
Product code : BCAJHE02
Origin : Indonesia, China, Vietnam

SECTION 2: PRODUCTION PROCESS

Manufacture : Water steam distillation of the leaves of Melaleuca leucadendron

SECTION 3: REGULATORY SITUATION

Identification of the product : Essential oil
Botanical name : Melaleuca leucadendra L. = syn. M. leucadendron = syn. M. leucadendron var cajuputi
INCI Name : MELALEUCA LEUCADENDRON CAJUPUTI LEAF OIL
Synonyms : USA CAS No 8008-98-8
CAS-No. : 85480-37-1
EC-No. : 287-316-4
FEMA : 2225
FDA : 172.510
CEE : 276

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Appearance : Liquid mobile. Clear.
Colour : Colourless. light yellow. amber.
Odour : characteristic. camphoric.
Flash point : 47 °C
Relative density : 0,868 – 0,93
Refractive index : 1,46 – 1,482
Optical rotation : -5 – 5 °
Solubility : Poorly soluble in water.
Composition : EUCALYPTOL; LIMONENE; A-TERPINEOL; LINALOOL

SECTION 5: Handling and storage

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.
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. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Avoid breathing smokes, vapours.
Hygiene measures : Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof ventilating equipment.
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Heat sources, Direct sunlight. Keep container tightly closed.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.
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 : 15 – 25 °C
Information on mixed storage : No specific measures are necessary.
Storage area : Store in a well-ventilated place. Keep away from any flames or sparking source. Store away from heat. Keep in the dark.
Special rules on packaging : Keep in the original container if possible. Store in a closed container.

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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.