



TECHNICAL DATA SHEET

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PIMENTO OFFICINALIS OIL

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

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Name : PIMENTO OFFICINALIS OIL
Product code : PIMHE02
Origin : Jamaica

SECTION 2: PRODUCTION PROCESS

Manufacture : Water steam distillation of the leaves of Pimenta officinalis

SECTION 3: REGULATORY SITUATION

Botanical name : Pimenta officinalis = Pimenta dioica
INCI Name : PIMENTA OFFICINALIS LEAF OIL
Synonyms : CAS N° : 8006-77-7
CAS-No. : 84929-57-7
EC-No. : 284-540-4
FEMA : 2901
FDA : 182.20
CEE : 335

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Colour : orange. Yellow. brown reddish.
Odour : spicy. woody. typical of the main component.
Flash point : 93 °C
Boiling point : 250 - 258 °C
Relative density : 1,036 - 1,053
Refractive index : 1,531 - 1,536
Optical rotation : -5 - 0,5 °
Solubility : Poorly soluble in water. Soluble in. alcohol.
Composition : EUGENOL

SECTION 5: Handling and storage

Precautions for safe handling : Avoid breathing mist, fume, dust, vapours. Obtain special instructions before use. Use personal protective equipment as required. Do not handle until all safety precautions have been read and understood.
Hygiene measures : Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
Maximum storage period : 24 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

Exaflor Technical Data Sheet

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