



TECHNICAL DATA SHEET

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ANGELICA ROOT OIL

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

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Name : ANGELICA ROOT OIL
Product code : ANGHE01
Origin : Balkans, France

SECTION 2: PRODUCTION PROCESS

Manufacture : Water steam distillation of the roots of Angelica archangelica

SECTION 3: REGULATORY SITUATION

Botanical name : Angelica archangelica L.
INCI Name : ANGELICA ARCHANGELICA ROOT OIL
Synonyms : CAS EINECS : 84775-71-7
CAS-No. : 8015-64-3
EC-No. : 283-871-1
FEMA : 2088
FDA : 182.20
CEE : 56n

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Appearance : Clear.
Colour : Colourless. Yellow. amber.
Odour : characteristic. strong.
Flash point : 44 °C
Relative density : 0,845 - 0,93
Refractive index : 1,473 - 1,487
Optical rotation : 0 - 46 °
Solubility : Insoluble in water.

Composition : ALPHA-PINENE
DELTA-3-CARENE
ALPHA-PHELLANDRENE

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 mist, fume, dust, 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 : Direct sunlight, Heat sources. Keep container tightly closed.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.
Maximum storage period : 3 year
Storage temperature : ≈ 18 (10 - 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.