



TECHNICAL DATA SHEET

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NUTMEG OIL

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

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Name : NUTMEG OIL
Product code : MUSHE01
Origin : Indonesia

SECTION 2: PRODUCTION PROCESS

Manufacture : Water steam distillations of the dried seeds of Myristica fragrans

SECTION 3: REGULATORY SITUATION

Botanical name : Myristica fragrans Houtt
INCI Name : MYRISTICA FRAGRANS FRUIT OIL
Synonyms : CAS USA : 8008-45-5
CAS-No. : 84082-68-8
EC-No. : 282-013-3
FEMA : 2793
FDA : 182.20
CEE : 296n

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Appearance : Liquid mobile. Clear.
Colour : Colourless. light yellow.
Odour : spicy. sweet. aromatic.
Flash point : 44,7 °C
Relative density : 0,88 – 0,91
Refractive index : 1,47 – 1,49
Optical rotation : 6 – 30 °
Solubility : Solubility in ethanol.
Composition : PINENES, SABINENE

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. 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.
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 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.