



TECHNICAL DATA SHEET

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MOROCCAN THYME CT BORNEOL ORGANIC OIL

Version: 1.6

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

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Name : MOROCCAN THYME CT BORNEOL ORGANIC OIL
Product code : THYHE03_BIO
Origin : Morocco

SECTION 2: PRODUCTION PROCESS

Manufacture : Steam distillation of flowery tips of *Thymus satureioides*

SECTION 3: REGULATORY SITUATION

Identification of the product : Essential oil
Botanical name : *Thymus satureioides* Cosson
INCI Name : THYMUS SATUREIOIDES OIL
CAS-No. : NA
EC-No. : 934-977-8

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Appearance : Liquid mobile. Clear.
Colour : Yellow. brown. red. orange.
Odour : characteristic. strong.
Flash point : 57 °C
Relative density : 0.925 - 0.948
Refractive index : 1.478 - 1.494
Optical rotation : -20 - 8 °
Solubility : Poorly soluble in water.
Composition : BORNEOL; A-TERPINEOL; CAMPHENE; THYMOL; CARVACROL

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. Do not breathe smokes, vapours. Avoid breathing smokes, vapours. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
Hygiene measures : Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.
Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof ventilating equipment. Comply with applicable regulations.
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 : 5 - 25 °C
Storage area : Store in a well-ventilated place. Keep away from any flames or sparking source. Keep in the dark. Store away from heat.

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.