



TECHNICAL DATA SHEET

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EUCALYPTUS DIVES OIL

Version: 1.2

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

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Name : EUCALYPTUS DIVES OIL
Product code : EUCHE03
Origin : Australia

SECTION 2: PRODUCTION PROCESS

Manufacture : Water steam distillation of the twigs and leaves of Eucalyptus dives

SECTION 3: REGULATORY SITUATION

Botanical name : Eucalyptus dives = Eucalyptus amygdalina var. latifolia
INCI Name : EUCALYPTUS DIVES LEAF/TWIG OIL
CAS-No. : 90028-48-1
EC-No. : 289-839-3

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Appearance : Liquid mobile.
Colour : Colourless. Yellow. orange.
Odour : characteristic. strong. peppermint odour.
Flash point : 50 °C
Relative density : 0,884 – 0,906
Refractive index : 1,476 – 1,482
Optical rotation : -75 – -43 °
Solubility : Soluble in oil. Insoluble in water.
Composition : PIPERITONE, A-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 dust/fume/gas/mist/vapours/spray.
Hygiene measures : Wash hands, forearms and face 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 electrical/ventilating/lighting equipment.
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : 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 : ≈ 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.