



TECHNICAL DATA SHEET

Issue date: 18/07/2014

Revision date: 24/06/2021

EUCALYPTUS GLOBULUS OIL

Version: 1.6

Supersedes version of:
18/03/2021

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

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Name : EUCALYPTUS GLOBULUS OIL
Product code : EUCHE01
Origin : China

SECTION 2: PRODUCTION PROCESS

Manufacture : Steam distillation of Eucalyptus globulus leaves

SECTION 3: REGULATORY SITUATION

Identification of the product : Essential oil
Botanical name : Eucalyptus globulus Labill.
INCI Name : EUCALYPTUS GLOBULUS LEAF OIL
Synonyms : OTHER CAS No 8000-48-4
CAS-No. : 84625-32-1
EC-No. : 283-406-2
REACH registration No : 01-2119978250-37
FEMA : 2466
FDA : 172.510
CEE : 185n

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Colour : Colourless. light yellow.
Odour : characteristic. aromatic. fresh.
Flash point : 48 °C
Melting point : Not applicable
Boiling point : 160 °C
Relative density : 0,905 – 0,928
Refractive index : 1,455 – 1,475
Optical rotation : 0 – 10 °
Solubility : insoluble in water. Solubility in ethanol.
Composition : EUCALYPTOL (CINEOL-1.8); LIMONENE; PINENES

SECTION 5: Handling and storage

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.
Precautions for safe handling : Ensure good ventilation of the work station. 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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Avoid breathing mist, fume, dust, vapours.
Hygiene measures : Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Technical measures : Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof ventilating equipment. Ground/bond container and receiving equipment.
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Heat sources, Direct sunlight. Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

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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.