



TECHNICAL DATA SHEET

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PEPPERMINT OIL

Version: 1.9

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

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Name : PEPPERMINT OIL
Product code : MENHE14
Origin : India

SECTION 2: PRODUCTION PROCESS

Manufacture : Water steam distillation from Mentha x piperita's stems, leaves and flowering tops.

SECTION 3: REGULATORY SITUATION

Identification of the product : Essential oil
Botanical name : Mentha x piperita L.
INCI Name : MENTHA PIPERITA OIL
Synonyms : CAS TSCA 8006-90-4
RTECS SC6125000
CAS-No. : 84082-70-2
EC-No. : 282-015-4
REACH registration No : 01-211997401-36
FEMA : 2848
FDA : 182.20
CEE : 282n

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Appearance : Liquid mobile. Clear.
Colour : Colourless. light yellow. Greenish.
Odour : characteristic. sweet. peppermint odour.
Flash point : 66 °C
Relative density : 0,898 – 0,918
Refractive index : 1,459 – 1,465
Optical rotation : -30 – -14 °
Solubility : Poorly soluble in water.
Composition : MENTHOLS; MENTHONES

SECTION 5: Handling and storage

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. Avoid breathing smokes, 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 : 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 closed when not in use.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.
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
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.