



TECHNICAL DATA SHEET

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SPEARMINT 80% OIL

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

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Name : SPEARMINT 80% OIL
Product code : MENHE07
Origin : India, China

SECTION 2: PRODUCTION PROCESS

Manufacture : Water-steam distillation of aerial parts (leaves) of *Mentha spicata*

SECTION 3: REGULATORY SITUATION

Identification of the product : Essential oil
Botanical name : *Mentha spicata* L. = *Mentha viridis* L.
INCI Name : MENTHA VIRIDIS LEAF OIL
Synonyms : No CAS USA : 8008-79-5
CAS-No. : 84696-51-5
EC-No. : 283-656-2
FEMA : 3032
FDA : 182.20
CEE : 285n

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Appearance : Liquid mobile. Clear.
Colour : light yellow. Yellow.
Odour : characteristic. typical of the main component . herbaceous.
Flash point : 76 °C
Relative density : 0,93 – 0,955
Refractive index : 1,472 – 1,512
Optical rotation :
Solubility : Poorly soluble in water.
Composition : CARVONE; LIMONENE

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 : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
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

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.