



TECHNICAL DATA SHEET

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YARROW MILFOIL OIL

Version: 1.0

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

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Name : YARROW MILFOIL OIL
Product code : MILHE01
Origin : Balkans

SECTION 2: PRODUCTION PROCESS

Manufacture : Water steam distillation of the flowering tops of Achillea millefolium L

SECTION 3: REGULATORY SITUATION

Botanical name : Achillea millefolium L
INCI Name : ACHILLEA MILLEFOLIUM OIL
Synonyms : CAS N° USA : 8022-07-9
CAS No : 84082-83-7
EC no : 282-030-6
FDA : 172.510
CEE : 12n

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Colour : Green. dark blue.
Odour : Fatty. sharp.
Flash point : $\leq 59^{\circ}\text{C}$
Relative density : 0.87 - 0.96
Refractive index : 1.465 - 1.49
Optical rotation : $-5 - 15^{\circ}$
Solubility : Insoluble in water. Solubility in ethanol.

Composition : CHAMAZULENE : < 30 %
GERMACRENE D : < 20 %
BETA-PINENE
CAMPHOR

SECTION 5: Handling and storage

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.
Precautions for safe handling : No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Avoid breathing fume, mist, dust, vapours. Use only outdoors or in a well-ventilated area.
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.
Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof ventilating equipment.
Storage conditions : Keep container tightly closed.
Incompatible materials : Heat sources. Plain Iron packaging.
Maximum storage period : 2 year 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 : $\approx 18 (5 - 25)^{\circ}\text{C}$

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