



TECHNICAL DATA SHEET

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BUCHU OIL

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

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Name : BUCHU OIL
Origin : South Africa

SECTION 2: PRODUCTION PROCESS

Manufacture : Water steam distillation of the leaves of *Agathosma betulina*

SECTION 3: REGULATORY SITUATION

Botanical name : *Agathosma betulina* = *Barosma betulina*
INCI Name : BAROSMA BETULINA LEAF OIL
Synonyms : CAS N° USA : 68650-46-4
CAS-No. : 84649-93-4
EC-No. : 283-474-3
FEMA : 2169
FDA : 172.510
CEE : 85n

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Colour : light yellow. brown.
Odour : herbaceous. peppermint odour. Fruity.
Flash point : 64 °C
Relative density : 0.89 - 0.98
Refractive index : 1.46 - 1.491
Optical rotation : -30 - -6 °
Solubility :
Composition : LIMONENE, ISOMENTHONE, DIOSPHENOL : 14 - 19.6 %, PSEUDO DIOSPHENOL : 12.5-16.5 %

SECTION 5: Handling and storage

Precautions for safe handling : Avoid breathing mist, fume, dust, vapours.
Hygiene measures : Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
Maximum storage period : 12 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

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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