



TECHNICAL DATA SHEET

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BUCHU ORGANIC OIL

Version: 1.5

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

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Name : BUCHU ORGANIC OIL
Product code : BBUCHE01
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 : 62 °C
Relative density : 0,89 – 0,98
Refractive index : 1,46 – 1,491
Optical rotation : -25 – 5 °
Solubility : Insoluble in water. Solubility in ethanol.
Composition : LIMONENE, ISOMENTHONE,

SECTION 5: Handling and storage

Precautions for safe handling : Avoid breathing mist, fume, dust, vapours. 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.
Hygiene measures : 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 : Direct sunlight, Heat sources. 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.