



TECHNICAL DATA SHEET

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BERGAMOT OIL

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

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Name : BERGAMOT OIL
Product code : BERHE01
Origin : Italy

SECTION 2: PRODUCTION PROCESS

Manufacture : Cold expression of Citrus aurantium ssp bergamia's fruits

SECTION 3: REGULATORY SITUATION

Identification of the product : Essential oil
Botanical name : Citrus aurantium L. subsp. bergamia Engler [syn. Citrus bergamia Risso]
INCI Name : CITRUS AURANTIUM BERGAMIA PEEL OIL
Synonyms : USA CAS : 8007-75-8
CAS-No. : 89957-91-5
EC-No. : 289-612-9
FEMA : 2153
FDA : 182.20
CEE : 137

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Appearance : Liquid mobile. Clear. [May Contain precipitated waxes].
Colour : Colourless. light green. yellowish. dark green.
Odour : characteristic. pleasant fruity. fresh. lemon-like.
Flash point : 57 °C
Melting point : -74 °C
Boiling point : 180 °C
Relative density : 0,87 - 0,883
Refractive index : 1,465 - 1,47
Optical rotation : 15 - 32 °
Solubility : Insoluble in water.
Composition : LINALYL ACETATE; LIMONENE

SECTION 5: Handling and storage

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.
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. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. 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 : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof ventilating equipment.
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources. Keep container tightly closed.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.
Maximum storage period : 12 months
Storage temperature : 10 (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.

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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.