



TECHNICAL DATA SHEET

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JUNIPER BERRIES AND TWIGS ORGANIC OIL

Version: 1.4

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

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Name : JUNIPER BERRIES AND TWIGS ORGANIC OIL
Product code : BGENHE01
Origin : Bulgaria

SECTION 2: PRODUCTION PROCESS

Manufacture : Watersteam distillation of needles/twigs and berries of *Juniperus communis*

SECTION 3: REGULATORY SITUATION

Botanical name : *Juniperus communis* L.
INCI Name : JUNIPERUS COMMUNIS BRANCH/FRUIT/LEAF EXTRACT
Synonyms : OTHER CAS No 8002-68-4
CAS-No. : 84603-69-0
EC-No. : 283-268-3
FEMA : 2604
FDA : 182.200
CEE : 249n

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Appearance : Liquid mobile.
Colour : Colourless. light green. yellowish.
Odour : characteristic. balsamic. woody.
Flash point : 34 (34 – 41) °C
Melting point : Not applicable
Relative density : 0,85 – 0,882
Refractive index : 1,465 – 1,48
Optical rotation : -18 – 18 °
Solubility :
Composition : PINENES; LIMONENE

SECTION 5: Handling and storage

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.
Precautions for safe handling : Ensure good ventilation of the work station. 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 spray, mist, dust, vapours. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes.
Hygiene measures : Wash skin with mild soap and water thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof Use spark-/explosionproof appliances and lighting system 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. Store in a well-ventilated place. Keep cool. Store locked up.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.
Maximum storage period : 3 year

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Technical data sheet

Storage temperature

: 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.