

TECHNICAL DATA SHEET

Effective date: 04.2019
Rev.1

Eucalyptus Globulus Essential Oil Organic Pure

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Eucalyptus globulus leaf/twig oil
Botanical name	Eucalyptus globulus Labill.
Manufacturing process	Steam distillation of the twigs and leaves of the Eucalyptus globulus plant (Myrtaceae), followed by a rectification to standardize the 1.8 cineol rate. 100% pure and natural
Part used	Twigs and leaves
Main components	1,8-cineol, alpha-pinene, limonene

TECHNICAL DATA

Physical parameters

Appearance	Liquid
Color	Colorless to pale yellow
Odor	Characteristic, fresh, reminiscent of cineole
Relative density (d20/20)	[0.900 ; 0.930]
Refractive index at 20°C	[1.450 ; 1.480]
Specific rotation (°)	[-5 ; +15]
Flash point	[+40 ; +50]°C
Solubility	Soluble in ethanol, soluble in oil, insoluble in water

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Keep in tightly closed containers in a cool and dry place, protected from light. Stable at usual storage and use conditions.
Shelf Life	36 months under good storage conditions
Transport	UN 1169 Extracts, aromatic, liquid, 3, III

LEGISLATION

Certification	100% of the total ingredients are from Organic Farming. Certified as 100% organic by Ecocert.
IFRA restrictions	Is not explicitly regulated by IFRA. Contains maximum 0.1% geraniol, 0.01% methyl eugenol classified "R" (restricted); 15% limonene, 0.5% linalool classified "S" (specified).


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FDA	172.510
FEMA	2466
COE	185n
EINECS	283-406-2
CAS	84625-32-1 , 8000-48-4
FCC	registered
REACH pre-registration no.	-

LABELING

Hazard pictograms	
Hazard categories	AH1 Aspiration hazard 1 EHA1 Hazardous to the aquatic environment, acute hazard 1 EHC1 Hazardous to the aquatic environment, long-term hazard 1 FL3 Flammable Liquids 3 SCI2 Skin corrosion / irritation 2 SS1 Skin sensitization 1
Hazard statements	H226 - Flammable liquid and vapor. H304 - May be fatal if swallowed and enters airways. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H410 - Very toxic to aquatic life with long lasting effects
Precautionary statements	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor. P302+P352 - IF ON SKIN: Wash with plenty of water. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P332+P313 - If skin irritation occurs: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P403+P235 - Store in a well-ventilated place. Keep cool. P501 - Dispose of contents/container in accordance with local/ regional /national/ international regulation.

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European Union specific hazard statements	None
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DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.