

**TECHNICAL DATA SHEET**Effective date: 04.2019  
Rev.1**Organic Pure Tea Tree Essential Oil, ECOCERT/COSMOS****INFORMATION ON SUBSTANCE / MIXTURE**

INCI	Melaleuca alternifolia leaf oil
Botanical name	Melaleuca alternifolia (Maiden & Betche) Cheel
Manufacturing process	Steam distillation of the leaves, 100% pure and natural
Part used	Leaves
Main components	Terpineol-4, gamma-terpinene, alphaterpinene, cineole 1-8

**TECHNICAL DATA****Physical parameters**

Appearance	Liquid
Color	Colorless, greenish-yellow
Odor	Aromatic, warm, wood
Relative density at 20°C	[0.880 ; 0.910]
Refractive index at 20°C	[1.475 ; 1.485]
Specific rotation (°)	[-5 ; +15]
Flash point °C	[+55 ; +59]
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
Custom Tariff	-

**LEGISLATION**

Certification	Raw material certified by ECOCERT Greenlife according to the ECOCERT Standard for Natural and Organic Cosmetics. 100% of the total ingredients are from Organic Farming. Certified as 100% organic by Ecocert Greenlife according to COSMOS-standard.
FDA	182.20
FEMA	3902
COE	275



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EINECS	285-377-1
CAS	68647-73-4 , 8022-72-8
REACH pre-registration no.	-

## LABELING

Hazard pictograms	
Hazard categories	AH1 Aspiration hazard 1 ATO4 Acute toxicity oral 4 EDI2 Serious eye damage / eye irritation 2 EHC2 Hazardous to the aquatic environment, long-term hazard 2 FL3 Flammable Liquids 3 SCI2 Skin corrosion / irritation 2 SS1 Skin sensitization 1
Hazard statements	H226 - Flammable liquid and vapor. H302 - Harmful if swallowed. H304 - May be fatal if swallowed and enters airways. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H411 - 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. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 - If skin irritation 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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