

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

INCI	Citrus aurantium amara leaf/twig oil
Botanical name	Citrus aurantium L. ssp. Amara var. pumilia
Manufacturing process	Steam distillation of the stems and leaves, 100% pure and natural
Part used	Stems and leaves

TECHNICAL DATA**Physical parameters**

Appearance	Liquid
Color	Pale yellow to brown
Odor	Characteristic, strong
Relative density at 20°C	[0.880 ; 0.895]
Refractive index at 20°C	[1.455 ; 1.470]
Specific rotation (°)	[-6 ; +1]
Flash point °C	[+70 ; +80]
Solubility	Soluble in ethanol, soluble in oil, insoluble in water

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Store in cool, dry and ventilated area, away from heat sources, sparks and open flames, protected from light in tightly closed original container
Shelf Life	36 months under good storage conditions

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.
IFRA restrictions	Limitation according to the type of finished product due to the presence of citral (< 1 % in the essential oil). Limitation according to the type of finished product due to the presence of trans-2-hexenal (< 0.1 % in the essential oil)
EINECS	277-143-2
CAS	8016-44-2

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Hazard pictograms	
Hazard categories	AH1 Aspiration hazard 1 EDI1 Serious eye damage / eye irritation 1 EHC2 Hazardous to the aquatic environment, long-term hazard 2 SCI2 Skin corrosion / irritation 2 SS1 Skin sensitization, 1
Hazard statements	H304 - May be fatal if swallowed and enters airways. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H318 - Causes serious eye damage. H411 - Toxic to aquatic life with long lasting effects
Precautionary statements	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. 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. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P501 - Dispose of contents/ container in accordance with local/ regional/ national/ international regulation.
European Union specific hazard statements	None

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.