

TECHNICAL DATA SHEET

Effective date: 04.2019
Rev.1

Lemongrass Essential Oil Organic Pure

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Cymbopogon flexuosus oil
Botanical name	Cymbopogon flexuosus (Nees ex Steud.) W. Watson
Manufacturing process	Steam distillation of the herbaceous parts of the Cymbopogon flexuosus plant, 100% pure and natural
Part used	Herbaceous parts
Main constituents	Neral, geraniol, geranial, limonene

TECHNICAL DATA

Physical parameters

Appearance	Liquid
Color	Pale yellow to yellow-orange
Odor	Citral-like, fresh
Relative density (d20/20)	[0.885 ; 0.905]
Refractive index at 20°C	[1.480 ; 1.495]
Specific rotation (°)	[-5 ; +1]
Flash point °C	[+80 ; +95]
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	100% of the total ingredients are from Organic Farming. Certified as 100% organic by Ecocert
IFRA restrictions	Limitation according to the type of finished product due to the presence of citral (< 90% in the essential oil). Limitation in the finished product due to the presence of geraniol (< 8% in the essential oil). Limitation in the finished product due to the


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	presence of eugenol (< 0.4% in the essential oil)
FEMA	2624
COE	2045n
EINECS	289-752-0
CAS	8007-02-1
REACH pre-registration no.	-

LABELING

Hazard pictograms	
Hazard categories	AH1 Aspiration hazard 1 ED11 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. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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.