

## TECHNICAL DATA SHEET

### CITRONELLA PURE ESSENTIAL OIL

Effective date: 02.2021

#### INFORMATION ON SUBSTANCE / MIXTURE

INCI	Cymbopogon Winterianus Herb Oil
Manufacturing process	Obtained by steam distillation of the herb of Cymbopogon winterianus Jowitt ex Bor
Part used	Herb

#### TECHNICAL DATA

##### Physical parameters

Appearance	Liquid
Colour	Pale yellow to brownish yellow
Odor	Rosy,lemony
Relative density (d20/20)	0.880-0.896
Refractive index 20°C	1.466-1.475
Angular rotation(°)	-5 to 0
Flash point °C	73

#### Content of limited substances which shall not be added as such to food

Coumpound	%
Agaric acid	<0.00
Aloin	<0.00
Capsaicin	<0.00
1,2-Benzopyrone, coumarin	<0.00
Hypericin	<0.00
Beta-Asarone	<0.00
Estragole(methyl cavicol,1-allil-4 methoxybenzene)	<0.00
Hydrocyanic acid	<0.00
Menthofuran	<0.00
Methyleugenol (4-allil-1,2-dimethoxybenzene)	<0.05

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Pulegone	<0.00
Quassin	<0.00
Safrole (1-allyl-3,4-methylenedioxybenzene)	<0.00
Teucrin A	<0.00
Alpha-Thujone	<0.00
Beta-Thujone	<0.00

**Contaminations**

Heavy metals	The raw vegetal conforms to EC Reg. 629/2008 Because of the concentration factor of the extraction process, the extract itself may have high levels of some heavy metals. However, at the recommended use level per application, the final consumer product will also conform to European legislation.
Pesticides	The raw vegetal conforms to EC Reg. 629/2008 Because of the concentration factor of the extraction process, the extract itself may have high levels of some heavy metals. However, at the recommended use level per application, the final consumer product will also conform to European legislation.
Residual solvents	According to Directive 2009/32/EC
Mycotoxins/ contaminants	According to EC Reg. 629/2008 amending EC Reg. 1881/2006
IPA	According to CE Reg. 2015/1933
BSE/TSE	Does not contains ingredients of animal origin, there is no risk of cross contamination because it doesnot present in our factory
Radioactivity	According to EC Reg. 1048/2009 (extension of EC Regulation 733/2008)

**Microbiology**

Aerobic bacteria (TAMC)	<100 cfu/g
Yeast and moulds	< 10 cfu/g
Enterobacteriaceae	< 10 cfu/g
Salmonella	Absent in 25g

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Escherichia coli	Absent in 1g
Staphylococcus aureus	Absent in 1g

#### TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Store product in full, tightly closed containers
Shelf Life	36 months under good storage conditions

#### LEGISLATION

Certification	-
CMR	This product is free from substances classified as carcinogenic, mutagenic or toxic for reproduction (CMR) of category 1A, 1B or 2 under Part 3 of Annex VI to Regulation (EC) No 1272/2008
Nanomaterials	This product is not considered as a nanomaterial, and doesn't contain nanoparticles as defined by the European commission and as described in EU n° 1223/2009 and 2012-232 (ANSES).
Animal testing	This product has not been tested on animals.
GMO	Manufactured neither from nor by GMOs as those terms are used in Articles 2 and 9 of Council Regulation (EC) N° 834/2007.
Vegan and vegetarian statement	This product is 100% vegetable origin. It doesn't contain animal ingredients, it isn't tested on animals and the manufacturing process doesn't include animal ingredients or by-products
EINECS	294-954-7
CAS	91771-61-8

#### LABELING

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 SS1A Sensitisation, skin 1A
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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	P264 - Wash ... thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. 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/...
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.