

## TECHNICAL DATA SHEET

Effective date: 11.2020

### Vetiver Essential Oil Pure

#### INFORMATION ON SUBSTANCE / MIXTURE

INCI	Vetiveria zizanioides root oil
Botanical name	Vetiveria zizanioides (L.) Stapf.
Manufacturing process	Steam distillation of the roots, 100% pure and natural
Part used	Roots
Main components	Isovalencenol, khusimol, alpha and beta-vetivone, beta-vetivenene

#### TECHNICAL DATA

##### Physical parameters

Appearance	Viscous liquid
Color	Brownish-yellow to reddish-brown
Odor	Woody, earthy
Relative density (d20/20)	[0.975 ; 1.005]
Refractive index at 20°C	[1.510 ; 1.527]
Specific rotation (°)	NA
Flash point °C	100
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	48 months under good storage conditions
Custom Tariff	-

#### LEGISLATION

IFRA restrictions	Not explicitly regulated by IFRA
CMR substances	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


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	2012-232 (ANSES).
Animal testing	This product has not been tested on animals.
FDA	172.510
FEMA	3902
COE	479n
EINECS	282-490-8
CAS	84238-29-9
REACH pre-registration no.	-

### LABELING

Hazard pictograms	
Hazard categories	SGH07 - Harmful / irritant / sensitizer
Hazard statements	H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation.
Precautionary statements	P262: Do not get in eyes, on skin, or on clothing. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P313: Get medical advice/attention.
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.