

**TECHNICAL DATA SHEET**
CURCUMA PURE ESSENTIAL OIL

Effective date: 02.2021

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Curcuma Longa Rhizome Extract
Manufacturing process	Steam distillation of the rhizomes

TECHNICAL DATA**Physical parameters**

Appearance	Liquid
Colour	Pale yellow; Dark yellow
Odor	Characteristic,spicy,woody
Quality	100%pure and natural
Main components	Turmerone (25 to 55%), Alpha-curcumene (5 to 20%), Curcuphenol (2 to 15%), Gamma-curcumene (2 to 10%)
Angular rotation 20°C	-30 to +50
Ethanol solubility	Yes
Water solubility	No
Relative density 20°C	0.900-0.970
Refractive index 20°C	1.500-1.550
Flash point °C	+80 to +90

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Keep in tightly closed container in a cool and dry place, protected from light. Stable at usual storage and use conditions.
Shelf Life	4 years after the production date

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).

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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.
EINECS	283-882-1
CAS	8024-37-1

Labeling

AH1	Aspiration hazard 1
EHC3	Hazardous to the aquatic environment, long-term hazard 3
REP2	Reproductive toxicity 2
SS1	Sensitisation skin 1
H304	May be fatal if swallowed and enters airways
H317	May cause an allergic skin reaction
H361	Suspected of damaging fertility or the unborn child <state specific effect if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>
H412	Harmful to aquatic life with long lasting effects.
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/...
P308+P313	IF exposed or concerned: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P501	Dispose of contents/container according to applicable legislations

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.

Computer edited certificate – valid without a signature