

**TECHNICAL DATA SHEET**
PURE GINGER ESSENTIAL OIL

Effective date: 11.2020

INFORMATION ON SUBSTANCE / MIXTURE

I.N.C.I.	Zingiber Officinale root oil
Manufacturing process	Natural product obtained by steam distillation of the root (rhizomes).
Part used	Rhizomes

TECHNICAL DATA**Physical parameters**

Appearance	Liquid at room temperature
Color	Pale yellow, amber
Odor	Spicy, resinous, earthy, woody
Relative density (d ₂₀ /20)	[0.872 ; 0.884]
Refractive index	[1.482 ; 1.495]
Optical rotation at 20°C	[-47 ; -26 °]
Peroxide value	<20 mmol/L
Flash point	63°C

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Store locked up. Store in a well-ventilated place. Keep cool.
Shelf Life	36 months under optimal storage conditions
Custom Tariff	3301294100

LEGISLATION

Regulation (EC) 1334/2008	Flavoring preparation (as per article 3.2.d.ii)
IFRA Restrictions	Not explicitly regulated by IFRA
CMR naturally present(s)	Toluene <0.1%, gamma-terpinene <0.05%, p-cymene<0.1%
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.
Residual solvent(s)	Not applicable
CAS-No. (TSCA)	8007-08-7
CAS EINECS	84696-15-1
FEMA	2522
FDA	182.200
CoE	489n

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EINECS	283-634-2
FCC	Registered
RIFM monograph.	Yes

LABELING

Hazard pictograms	
Hazard statements	H304 - May be fatal if swallowed and enters airways. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements	P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P301+P310+P331 - IF SWALLOWED: Immediately call a POISON CENTER/doctor/.... Do NOT induce vomiting. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P391 - Collect spillage
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.