

TECHNICAL DATA SHEET

Effective date: 11.2020
Rev.2

Sweet Orange Essential Oil Organic

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Citrus aurantium dulcis peel oil
Botanical name	Citrus sinensis L.
Manufacturing process	Expression of the fresh pericarp of the fruit, 100% pure and natural
Part used	Fruit peel
Main constituent	Limonène

TECHNICAL DATA

Physical and chemical parameters

Appearance	Liquid
Color	Yellow to yellow-orange
Odor	Characteristic, fresh, sweet
Relative density at 20°C	[0.835 ; 0.850]
Refractive index at 20°C	[1.470 ; 1.480]
Specific rotation (°)	[+90 ; +110]
Flash point °C	[+45 ; +55]
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	24 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	The peroxide content must be less than 20 millimoles per liter; limitation also





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	according to the type of the finished product in the presence of citral (< 0.1%)
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 2012-232 (ANSES).
Animal testing	This product has not been tested on animals.
FEMA	2825
EINECS	232-433-8
CAS	8008-57-9

LABELING

Hazard pictograms	   
Hazard categories	AH1 Aspiration hazard 1 EHA1 Hazardous to the aquatic environment, acute hazard 1 EHC1 Hazardous to the aquatic environment, long-term hazard 1 FL3 Flammable Liquids 3 SCI2 Skin corrosion / irritation 2 SS1 Skin sensitization 1
Hazard statements	H226 - Flammable liquid and vapor. H304 - May be fatal if swallowed and enters airways. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H410 - Very toxic to aquatic life with long lasting effects
Precautionary statements	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. 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. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P501 - Dispose of contents/container in accordance with local/ regional/ national/ international regulation.

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European Union specific hazard statements	None
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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.