

**TECHNICAL DATA SHEET**

Effective date: 11.2020

**Pure Red Mandarin Essential Oil****INFORMATION ON SUBSTANCE / MIXTURE**

INCI	Citrus reticulata peel oil
Botanical name	Citrus reticulata Blanco
Manufacturing process	Essential oil extracted without heating, by mechanical proceeding, of the epicarp and part of the fresh mesocarp of the fruit of red mandarin (Rutaceae)
Part used	Fruit peel
Main components	Limonene, gamma-terpinene

**TECHNICAL DATA****Physical parameters**

Appearance	Liquid
Color	Fruity, sweet, citrusy, slightly floral
Odor	Yellowish orange
Relative density at 20°C	0.848 – 0.855
Refractive index at 20°C	1.474 – 1.478
Specific rotation (°)	+64° to +75°
Flash point	+49°C

**TRANSPORT, STORAGE and SHELF LIFE**

Storage conditions	Store in cool, dry and ventilated area, away from heat sources, sparks and open flames, protected from light in tightly closed original container
Shelf Life	24 months under good storage conditions
Transport	UN 1169 Extracts, aromatic, liquid, 3, III

**LEGISLATION**

Certification	-
IFRA restrictions	Certificate upon request
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


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	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.
FDA	182.200
FEMA	2657
COE	142n
EINECS	284-521-0
CAS	8008-31-9

**LABELING**

Hazard pictograms	
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. H400 - Very toxic to aquatic life. H410 - Very toxic to aquatic life with long lasting effects.
Precautionary statements	P101: If medical advice is needed, have product container or label at hand. P262: Do not get in eyes, on skin, or on clothing. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection. P301+ P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P315: Get immediate 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.