

TECHNICAL DATA SHEET

Effective date: 04.2019
Rev.1

Green Mandarin Essential Oil Organic

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Citrus reticulata peel oil
Botanical name	Citrus reticulata Blanco
Manufacturing process	Expression of the fresh pericarp of the fruit, 100% pure and natural
Part used	Fruit
Main components	Limonene, gamma-terpinene, alpha and beta-pinenes, myrcene

TECHNICAL DATA

Physical parameters

Appearance	Liquid
Color	Green to dark green
Odor	Characteristic of the fruit, fresh
Relative density at 20°C	[0.840 ; 0.860]
Refractive index at 20°C	[1.470 ; 1.480]
Specific rotation (°)	[+55 ; +80]
Flash point °C	[+45 ; +55]
Solubility	Soluble in ethanol, soluble in oil, insoluble in water

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	-

LEGISLATION

Certification	100% of the total ingredients are from Organic Farming. Certified as 100% organic by Ecocert
FEMA	2657


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FDA	182.20
COE	142
EINECS	297-672-2
CAS	8008-31-9

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. P302+P352 - IF ON SKIN: Wash with plenty of water. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P332+P313 - If skin irritation occurs: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P403+P235 - Store in a well-ventilated place. Keep cool. P501 - Dispose of contents/ container in accordance with local/ regional/ national/ international regulation.
European Union specific hazard statements	None

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DISCLAIMER

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ELEMENTAL