

TECHNICAL DATA SHEET

Effective date: 11.2020
Rev.1

Grapefruit Essential Oil Pure

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Citrus paradisi peel oil
Botanical name	Citrus paradisi Macfad
Manufacturing process	Cold expression of the fresh pericarp of the fruit, 100% pure and natural
Part used	Fruit peel
Main components	Limonene, myrcene

TECHNICAL DATA

Physical parameters

Appearance	Liquid
Color	Yellow to orange
Odor	Sweet, fruity, fresh, zesty, bitter, citrusy
Relative density at 20°C	[0.840 ; 0.870]
Refractive index at 20°C	[1.465 ; 1.485]
Specific rotation (°)	[+75 ; +105]
Flash point °C	[+40 ; +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	UN 1169 Extracts, aromatic, liquid, 3, III

LEGISLATION

Certification	-
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


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	(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.
FDA	182.200
FEMA	2530
COE	140n
EINECS	289-904-6
CAS	8016-20-4

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.

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	P501 - Dispose of contents/ container in accordance with local/ regional/ national/ international regulation.
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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.