

## TECHNICAL DATA SHEET

Effective date: 06.2021  
Rev.0

### ANDIROBA OIL VIRGIN

#### INFORMATION ON SUBSTANCE / MIXTURE

INCI	Carapa Guianensis Oil
Manufacturing process	Vegetable oil obtained by cold press process, unrefined
Additives	No preservatives added
Origin	Amazon Rainforest, Brazil

#### TECHNICAL DATA

##### Physical & chemical parameters

Appearance	Clear liquid
Color	Light yellowish to medium brown
Odor	Characteristic
Acidity Index (mgKOH/g)	≤ 30
Peroxide Index (mEqO <sub>2</sub> /kg)	≤ 10
Iodine Index (gI <sub>2</sub> /100g)	65 – 80
Saponification Index (mg KOH/g)	190 – 210
Unsaponifiable matter (%)	3 – 5
Melting Point (°C)	22

##### Lipid composition (%)

Fatty acid profile	%
Palmitic Acid (C16:0)	26 – 30
Stearic Acid (C18:0)	8 – 12
Oleic Acid (C18:1)	45 – 58
Palmitic Acid (C16:00)	20 - 28
Linoleic Acid (C18:2)	6 – 14

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#### Biological parameters

Total Count (UFC/g)	Standards	Specifications
Aerobic Mesophilic Bacterial Count	ISO 21149	< 100 CFU/g
Yeast and Mould	ISO 16212	< 10 CFU/g
Candida albicans	ISO 18416	ABSENT / 1g
Escherichia coli	ISO 21150	ABSENT / 1g
Pseudomonas aeruginosa	ISO 22717	ABSENT / 1g
Staphylococcus aureus	ISO 22718	ABSENT / 1g

#### TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	May sediment upon standing; mix well prior to use. Product may change appearance if exposed to cold temperatures during shipment or storage. Keep in tightly closed containers in a cool and dry place, protected from light. Stable at usual storage and use conditions.
Shelf Life	Min 24 months under good storage conditions
Transportation	At room temperature, in clean vehicles, protected from dust, moisture and material that can offer contaminations risk.

#### LEGISLATION

Certification	-
CMR	To our knowledge the above material is free of CMR substances, as defined according to Regulation (EC) No 1272/2008 and Cosmetic Regulation (EC) No 1223/2009 as amended. Products supported for Personal Care applications will not be classified as CMR, as defined by (EC) 1272/2008 on the Classification, Labeling and Packaging of Substances and Mixtures, unless supported by a positive SCCS opinion.
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.
GMO	GMO Free

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EC no.	/
CAS no.	352458-32-3

#### DISCLAIMER

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