

TECHNICAL DATA SHEET

VERSION: SEPTEMBER 2026

INGREDIENT INFORMATION

Product name	Buriti Oil
Botanical name	Mauritia Flexuosa
CAS Number	394239-67-9
INCI Name	Mauritia Flexuosa Fruit Oil
Product use	Active ingredient in Personal Care applications
Origin	Brazil

Part used	Fruit pulp
Extraction Method	Cold pressed
Quality	100% pure, unrefined

ORGANOLEPTIC QUALITY

Appearance	Liquid oil
Color	Orange- red
Odor	Characteristic natural

PROPERTIES

	SPECIFICATION
Acid Value (mgKOH/g)	<10
Refractive value	1.45 – 1.475
Peroxide Value (meqO₂/kg)	<15
Saponification (mg KOH/g)	180-200
Iodine Value (g/100g)	60-80
Solubility	Insoluble in water



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Fatty acids composition

Fatty acid	SPECIFICATION
C16:0 Palmitic Acid (%)	15-22
C18:0 Stearic Acid (%)	1-3
C18:1 Oleic Acid (Omega 9) (%)	68-76
C18:2 Linoleic Acid (Omega 6) (%)	1.2-3.5
C18:3 Linolenic Acid (Omega 3) (%)	<2
C20:0 Arachidic acid (%)	<2

Guarantees	• GMO free • Organically produced • Natural • Suitable for Vegan/Vegetarians • Free of irradiation • Not tested on animals • No preservatives/additives intentionally added • Not produced from species included in the CITES list. • No genetic resources were extracted to produce this vegetable oil. Hence the Nagoya protocol doesn't apply to this product. • Not considered as a VOC. • The natural index according to ISO 16128-1 and ISO 16128-2 are: Natural Index: 1 / Natural Origin Index: 1 • RM questionnaire for COSMOS APPROVED available.
Regulatory compliance	EU: • Exempted from Regulation (EC) No 1907/2006 (REACH). • The product does not contain any of the substances that are so far considered of very high concern (SVHC) by the European REACH Regulation. • Does not contain substances classified as CMR 1A, 1B or 2 according to Annex VI of Regulation EC 1272/2008 and its amendments. • Does not contain fragrance allergens listed in regulation 2023/1545, of July 26, 2023, amending Regulation (EC) No. 1223/2009 on the allergens listed in annex III. • No nanomaterials according to the EU recommendation 2022/C229/01. • In conformity with Regulation 396/2005/EC on maximum residue levels of pesticides. China: • Listed in the 'Inventory of Existing Cosmetic Ingredients in China (IECIC 2021)' USA: • Based on the actual production process and to the best of our knowledge, it doesn't contain any substance listed on the California Proposition 65.



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Certifications available	Raw material questionnaire for COSMOS APPROVED available
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Stability and storage:

Storage conditions: Cool, dark and dry.

Keep away from direct sunlight.

Shelf life: 24 months after the date of manufacturing, in its original closed packaging and in the recommended conditions.