Ucuuba Butter

INCI name: Virola Surinamensis Seed Butter

BIOTARA

Technical Sheet

General Information

Ucuuba Butter, extracted from the seeds of *Virola surinamensis*, is obtained through cold pressing and refined for purity. It has a shelf life of 2 years and is produced in Brazil within traditional communities. Known for its rich composition of fatty acids and antioxidants, Ucuuba Butter is highly valued in cosmetics for its moisturizing, regenerative, and anti-inflammatory benefits.

Key Properties

- Solid at room temperature (<25°C), melts on contact with skin
- Creamy texture with light, pleasant aroma
- Brown in color
- Rich in fatty acids, vitamins, and antioxidants
- Provides functional hydration and restorative benefits
- 100% pure, natural, and wild-harvested

Personal Care Applications

Ucuuba Butter is widely used in creams, lotions, soaps, and balms. It moisturizes deeply, aids cell regeneration, and promotes wound healing while reducing inflammation and irritation. With antioxidant properties, it protects against free radicals, helps prevent premature aging, and supports skin whitening and rejuvenation. Its creamy texture and fast absorption make it ideal for everyday skincare formulations.

Recommended usage: 1–100%
Packaging: Available in pails and drums

Uses & Benefits

Hair Care

- Nourishes and conditions dry or damaged hair
- Provides protection against external aggressions (sun, wind, pollution)
- Helps maintain hydration and softness in hair strands

Skin Care

- Deeply moisturizes and softens the skin
- Promotes cell regeneration and healing of burns/irritations
- Anti-inflammatory: reduces redness and discomfort (eczema, psoriasis, dermatitis)
- Antioxidant: neutralizes free radicals and prevents premature aging
- Enhances elasticity, firmness, and smoothness of skin.

Background

Ucuuba Butter has a long tradition in the Amazon, where the seeds of the "ucuubeira" are highly valued. Its velvety composition renews skin tissues and restores lost or damaged functions. In cosmetics, it is prized for promoting hydration, elasticity, and healing. Harvesting is done sustainably, supporting local Brazilian cooperatives. BioTara ensures premium quality by carefully storing and packaging to maintain freshness and nutritional value. (CAS number 356065-37-7)

Specifications – Ucuuba Butter

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Analytical Details	Method	Specification
Appearance (25ºC)	Organoleptic	Solid
Color	Organoleptic	Light Brown
Odor	Organoleptic	Characteristic
Acid Value (oleic acid)	AOCS CD3D-63	< 15 mg KOH/g
Refractive Index (40ºC)	AOCS CC7-25	1.44-1.48
Unsaponifiable matter	AOCS CA 6A-40	< 3%
Peroxide Value (index)	AOCS CD8-53	< 15 meq/kg
Iodine Value (Wijs)	AOCS TG2A-64	12-15 gI2/100g
Density (25ºC)	AOCS CC 10C-95	0.9210-0.9480
Saponification value	AOCS CD3-25	220-230
Moisture Content	AOCS Ca2e:84(09)	0–0.5%
Melting point	AOCS CC1-25	51-56ºC

Fatty Acid Profile

Fatty Acid	Method	Specification
Lauric (C12:0)	AOCS Ce 1h-05 ISO12966(GC-FID)	16-20%
Myristic (C14:0)	AOCS Ce 1h-05 ISO12966(GC-FID)	72-76%
Palmitic (C16:0)	AOCS Ce 1h-05 ISO12966(GC-FID)	7-9%
Saturated	---	100%
Unsaturated	---	0%

Microbiological Analysis

Parameter	Specification	Method
Aerobic bacteria	<100 CFU/g	NF EN ISO 21149
Yeast & mold	<10 CFU/g	NF EN ISO 16212
Pathogens (*Candida albicans, Salmonella spp., E. coli, Pseudomonas, Staphylococcus aureus*)	Absent	NF EN ISO 18416/21150/6579/22717/22718