

BUHLE MANKETTI SEED OIL



Botanical & Traditional Context

The Manketti tree (also known as the 'mongongo tree'), is scattered around southern Africa, usually distributed in large clusters which span a width of several kilometers. Taking a minimum of 25 years to bear fruit, the tree grows up to 20 meters in height.

Manketti trees commence flowering from October, which then leads to fruition during February – April. The Manketti fruit, broadly the size and shape of a common plum, emits a pleasant aromatic fragrance. The prized, creamy-yellow kernels, which is rich in oil and nutrients is encased in a protective shell.

Communities have reported using the oil in the form of a lotion, to detangle and strengthen hair, and as a body oil, especially during winter months.

The word 'buhle' means beauty in the African language of Ndebele, which is spoken in the north-western regions of Zimbabwe – one of our sourcing zones.

Product Name & Variants

Buhle Manketti Seed Oil – Unrefined.
Buhle Manketti Seed Oil – Refined.



Ingredients

Contents: 100% Schinziophyton rautanenii seed oil.
Stabilizers: Blanketed with nitrogen.

Registration and Regulatory

INCI: Schinziophyton Rautanenii
(Manketti) Seed Oil
CAS No: 68956-68-3
EINECS No: 273-313-5
ABS/Nagoya: Compliant
REACH Status: Exempt - natural product.

Key Application/s

Protection & recovery – barrier function (from xerotic skin)
Filmogen for hair
Filmogen for skin – tightening and/or firming
Cleansing and moisturising
Anti-oxidant.

Key Properties

Relatively low oleic to linoleic fatty acid proportions
Comparatively high eleostearic fatty acid
Exceptionally high γ -tocopherol and robust β -sitosterol.

Benefits

Anti-oxidant
Film forming nature on skin for serious skin dryness
Atopic dermatitis.

Physiochemical Properties

Property	Unrefined	Refined
Physical state at 20°C	Light yellow colour, liquid form, with characteristic odour.	Clear - light yellow colour, liquid form, with no-low odour.
Acid Value (mg KOH/g)	0.0 – 4.0	0.0 - 2.0
Peroxide Value (mEq O ₂ /kg)	0.0 - 7.0	0.0 - 2.0
Saponification Value (mg KOH/kg)	180 – 200	
Unsaponifiable Matter (%)	0.0 – 1.5	
Iodine Value (g/100g)	105 - 125	
Moisture (%)	0.0 - 1.0	
Key Fatty Acid Profile (%)	16:0 Palmitic acid:	7.0 – 15.0
	18:0 Stearic acid:	6.0 – 11.0
	18:1 Oleic acid:	15.0 – 25.0
	18:2 Linoleic acid:	35.0 – 50.0
	18:3 Elaeostearic acid:	15.0 – 30.0
Solubility:	Soluble in cosmetics esters and vegetable oils; insoluble in water.	
Shelf Life/Retest:	18 months	24 Months

Formulation and Usage (Indicative)

Category	Form	% Usage (Up to)
Facial skin care	Facial gels and serums	10
Hand & body care	Moisturising creams, hydration lotions, body massage oils	10/100
Anti-ageing	Skin-tightening/lifting creams, nano-emulsions	15
Hair care	Shampoo, conditioner, hair mask, leave in lotions, and styling products	5
Soaps	Hand soap bars, liquid soap	15
Lip care	Lip balm, lip repair cream, lipstick	10

Toxicology

Non irritating to skin and eyes. Non-toxic.

Storage

To prolong shelf life, store in dry and light-protected locations, and at ambient temperatures.

Supply & Production Chain

Seed Origin/s: Namibia or Zimbabwe.

Manufacture & Locations: Cold-pressed in Germany, and physically refined in European (refer CoA for specific location) ISO 9001-, HACCP–certified and food-grade facilities.

Laboratory Testing: Independent and accredited EU laboratories.

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