

GfN<sup>o</sup>

Selco<sup>o</sup>

# African treasures with benevolent contribution – Kupanda Oils 2021



GfN GmbH & Selco GmbH

Dr. Katrin Massey

# Sustainable, ethical and profitable

## The 'Kupanda Way'

The 'Kupanda Way' is to respect the integrity of the plant's natural properties, thereby allowing the plant's pure and unhindered benefits to sustain our lives.

This concept extends into every aspect of our business: from our plant-based presence, ethical and traceable sourcing approach, social development agenda, quality orientated mindset, corporate growth plans, to our valued stakeholder relationships.



© Aeolos Image/Shutterstock

# Multi-geographical presence, with key partnerships in Africa and Europe

## Quality

We commit to high standards of delivery across our business:

- > Product quality delivered to valued clients
- > Operational processes, controls and protocols
- > Staff professionalism.



## Sustainability

Balancing the use of our planet's precious resources today, for the benefit of tomorrow:

- > Sustainable farming and sourcing methods
- > Circular economy
- > Environment protection



## Collaboration

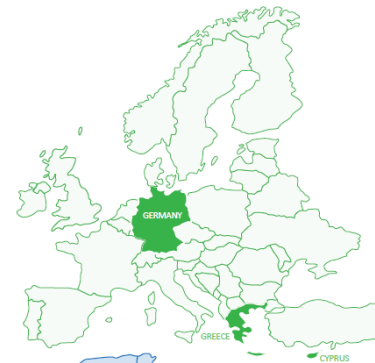
As the African natural botanical industry develops, we maintain proactive and mutually beneficial partnerships.



## Longevity

For us, the pursuit of longevity preserves quality, as reflected in:

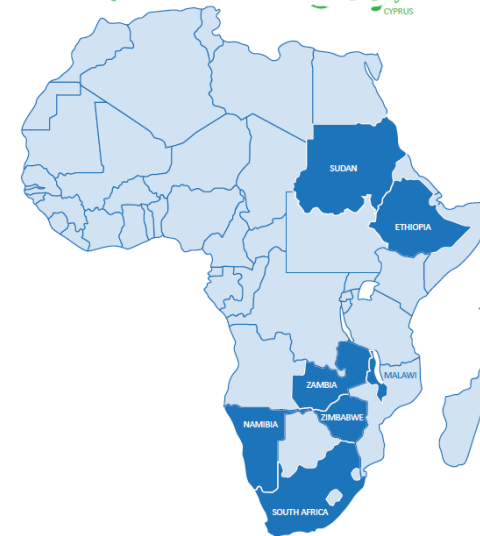
- > Long-term stakeholder relationships
- > Technical innovations
- > Operational aspects.



**Cyprus:**  
Kupanda Ltd Group HQ.  
Commercial, quality management activities

**Germany:**  
Centralised oil production  
Global logistics centre  
Accredited laboratory

**Greece:**  
Accredited laboratory



**KUPANDA**  
African Natural Botanicals

**South Africa:**  
Kupanda Africa (Pty) Ltd, acts as our pan-African sourcing hub.

**Pan-Africa:**  
Raw material sourcing and powder production.

© Kupanda Ltd.

# African treasures for your natural beauty!

- **NEW** Marula Seed Oil (Mfula) #7339 refined
- **NEW** Ximenia Seed Oil (Mideka) #7331 refined
- **NEW** Kalahari Melon Seed Oil (Elula) #7329 refined
- **NEW** Manketti Seed Oil (Buhle) #7333 refined
- **NEW** Baobab Seed Oil (Moyo) #7337 refined
- **NEW** Moringa Seed Oil (Wala) #7335 refined



© beboy, Moustache Girl – Shutterstock / Kupanda Ltd.

# Marula Seed Oil (Mfula) #7339 – Timeless sustenance



## INCI (Sclerocarya Birrea Seed Oil)

- natural oil rich on fatty acids (oleic ~75 %) with high natural Tocopherol content a satin-like matt skin feel as well as extremely quick absorption
- exceptionally high levels of  $\beta$ -Sitosterol and  $\Delta$ 5-Avenasterol
- sourced from the kernel of the marula fruit kernel
- unrefined oil is produced through cold-press extraction; refined oil is physically treated to lighten and deodorized



© Kupanda Ltd.

Use concentration:  
15-100%



# Marula Seed Oil (Mfula) #7339 – Timeless sustenance

## African Cultural Significance and Folklore

- the Marula tree is a reliable source of sustenance, symbolizing strength, protection and regeneration
- African tribesmen attest to the blissfully intoxicated elephants from eating ripe and fermented marula fruits
- the tree's leaves act as a basis for aphrodisiac concoctions, and marriage ceremonies are performed around the marula tree
- the word 'mfula' means to extract goodness in the African Chichewa language

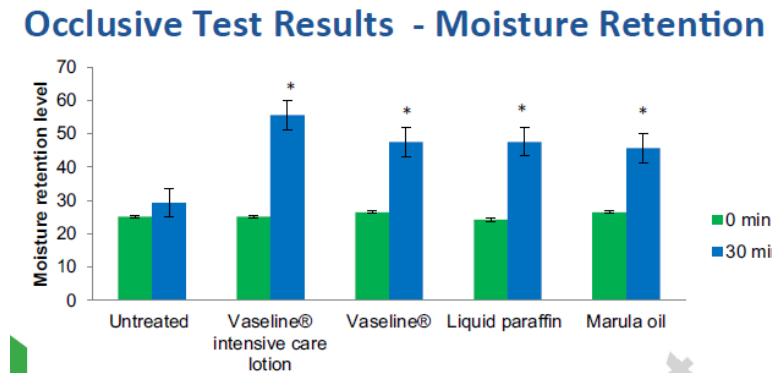
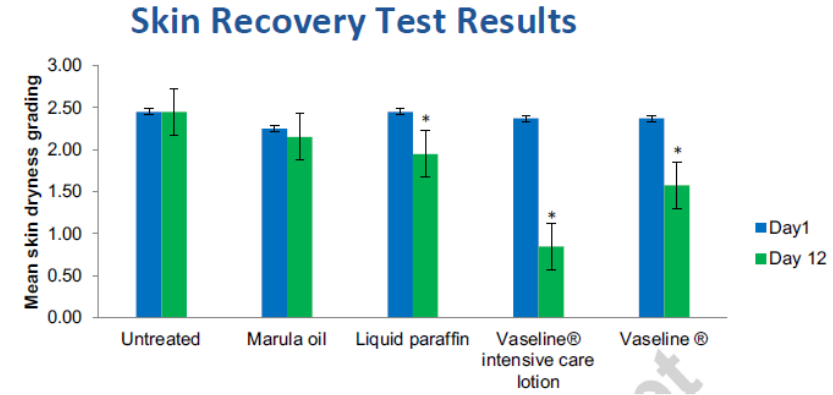


© Alta Oosthuizen/Shutterstock – Kupanda Ltd.

# Marula Seed Oil (Mfula) #7339 – Timeless sustenance

## Activity

- active as an Anti-Oxidant, moisturizer and soothing agent
- suitable for:
  - Skin and Hair Care
  - After-Sun Care
  - Anti-Aging
  - Decorative Cosmetics
  - Dermatological Care
  - Soaps and Bath Additives



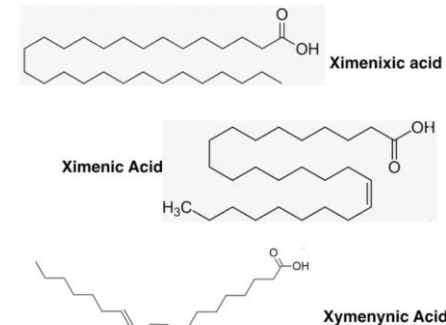
\* Journal of Ethnopharmacology, Volume 176, 24 December 2015, Pages 327–335  
Baa7le Komanea, Ilze Vermaaka, Beverley Summers, Alvaro Viljoen

# Ximenia Seed Oil (Mideka) #7331 – Natural pollution shield



## INCI (Ximenia Americana (Ximenai) Seed Oil)

- natural oil rich on Ximenynic fatty acid and derivatives as well as large portions of monoenoic fatty acids
- seeds are sundried, cold-pressed at 45°C and the oil is filtered. No chemicals, solvents nor preserving agents are used
- substantial Tocotrienol content, considerable Lupeol and  $\beta$ -Amyrin content and  $\beta$ -Sitosterol
- unrefined oil is produced through cold-press extraction; refined oil is physically treated to lighten and deodorized



© Kupanda Ltd.

Use concentration:  
7-50%



# Ximenia Seed Oil (Mideka) #7331 – Natural pollution shield

## African Cultural Significance and Folklore

- Ximenia trees (Ximenia Americana) are semi-deciduous shrubs scattered around various low-altitude and grassland regions of Africa.
- the shrubs were originally named after the 17th century Spanish monk Franciso Ximenez, and are affectionately known as the 'wild plum' or 'monkey plum' tree
- the word 'mideka' means to rejuvenate in the tribal regions of north-west Ethiopia



© ArgenLant-Shutterstock / Pilipipa-Fotalia / Kupanda Ltd.

# Ximenia Seed Oil (Mideka) #7331 – Natural pollution shield

## Activity

- active as stimulator of microcirculation with soothing and nourishing properties against environmental stressors
- suitable for:
  - Skin and Hair Care
  - Anti-Pollution and Detox
  - Anti-Frizz
  - Skin Barrier Repair
  - Hair Growth
  - Decorative Cosmetics



© Moniquemk / Shutterstock

# Ximenia Seed Oil (Mideka) #7331 – Natural pollution shield

## Study design

- assessment of collagen degradation (MMP-1 expression, type 1 Collagenase) and oxidative stress (Nrf2 activation)
- *ex vivo* human skin explants
- use concentrations 2 % and 5 %
- PolluBox<sup>®</sup> using Merck ICP's mix for pollution stimulation (heavy metals, benzene, xylene, toluene, diesel) as well as cigarette smoke
- 90 min exposure, control: unexposed
- evaluation by immunostaining after 5 days

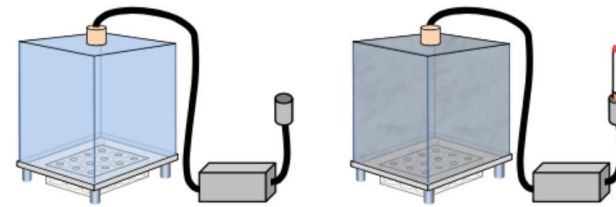
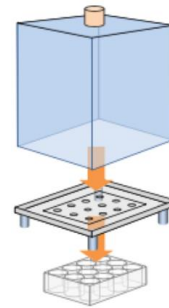


Figure 3: PolluBox<sup>™</sup> BIO-EC France. This device enables pollutants to be vaporised into cloud form, exposing the surface of the skin to resemble physiological conditions as closely as possible.

© Laboratoire Bio-EC, France

# Ximenia Seed Oil (Mideka) #7331 – Natural pollution shield

## Anti-Pollution Protection

- Defending Collagen from degradation due to oxidative stress

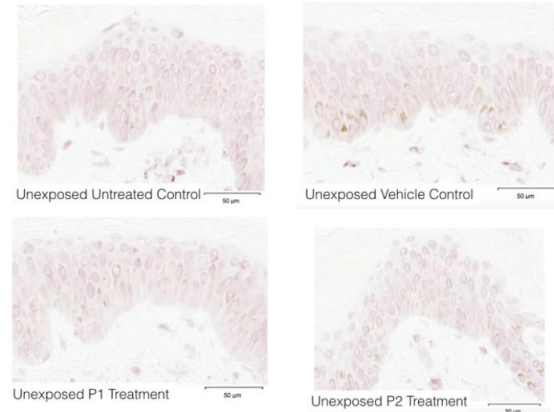


Figure 4a: Reduction of MMP-1 expression in standard pollutant exposed skin explants, following Mideka Ximenia Seed Oil treatment P1 (2%), and P2 (5%), 5 days minus pollutant exposure.

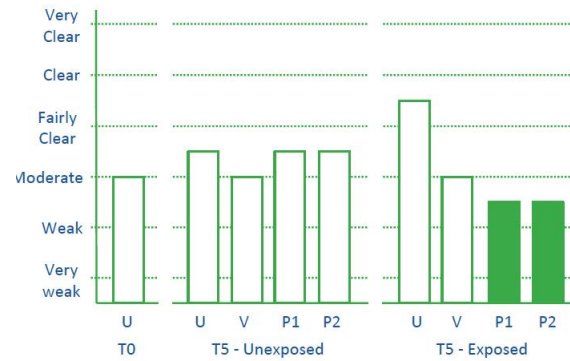


Figure 4c: Histological scoring of degree of reduction of MMP-1 expression in standard pollutant exposed skin explants following Mideka Ximenia Seed Oil treatment P1 (2%) and P2 (5%), 5 days pre- and post-exposure pollutant mix. U = Untreated. V = Vehicle.

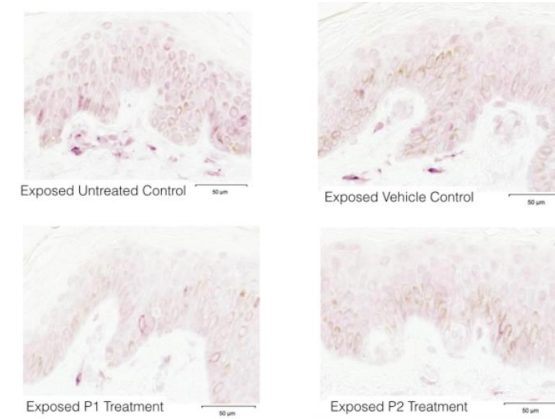


Figure 4b: Reduction of MMP-1 expression in standardised pollutant exposed skin explants, following Mideka Ximenia Seed Oil treatment P1 (2%) and P2 (5%), 5 days post-exposure to pollutant mix.

© Laboratoire Bio-EC, France

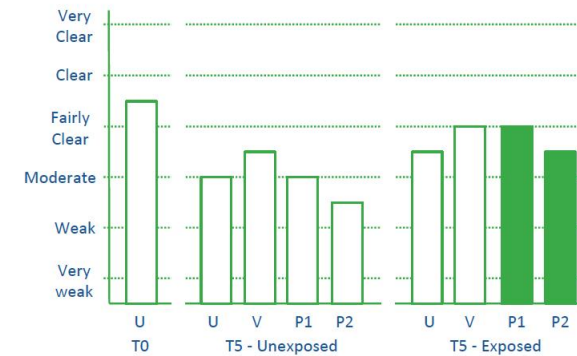


Figure 5: Effects of Mideka Ximenia Seed Oil treatment P1 (2%) and P2 (5%) on Nrf2 expression in standardised pollutant exposed skin explants, 5 days post-exposure. U = Untreated, V = Vehicle.

© Kupanda Ltd.

# Kalahari Melon Seed Oil (Elula) #7329 – Deep nourishing savior



## INCI (Citrullus Lanatus (Watermelon) Seed Oil)

- natural oil rich on Linoleic acid, coupled with oleic, palmitic and stearic fatty acids
- high  $\gamma$ -Tocopherol content
- contains significant amount of  $\beta$ -Sitosterol, Campesterol and squalene
- unrefined oil is produced through cold-press extraction; refined oil is physically treated to lighten and deodorized



© Kupanda Ltd.

Use concentration:  
10-100%

# Kalahari Melon Seed Oil (Elula) #7329 – Deep nourishing savior

## African Cultural Significance and Folklore

- Kalahari melon is a wild fruit that originates from the southern African Kalahari desert and is the biological predecessor to the common watermelon
- the miracle of the kalahari melon is its ability to withstand the unrelenting heat and drought conditions offered by the Kalahari desert
- the San tribe, hunter-gatherers from southern Africa, relied on the critical nourishment provided by Kalahari melons; while ancient Egyptians applied the oil to maintain a healthy appearance
- the word 'elula' means to be or feel smooth in the southern African language of Xhosa, which is spoken in South Africa



# Kalahari Melon Seed Oil (Elula) #7329 – Deep nourishing savior

## Study design

- assessment of skin barrier repair (Fillagrin expression)
- *ex vivo* delipidised living human abdominoplasty skin explants
- use concentrations 2 % and 5 %
- control: untreated, control vehicle and evening primrose oil (positive control)
- evaluation by immunostaining of Fillagrin
- measurement after 0 hours, 3 hours and 24 hours

# Kalahari Melon Seed Oil (Elula) #7329 – Deep nourishing savior

## Activity

- active in skin repair and enhancement of barrier function, Anti-Oxidant
- suitable for:
  - Skin and Body Care
  - After-Sun Care
  - Decorative Cosmetics
  - Dermatological Care
  - Soaps and Bath Additives
  - Massage Oils
  - Sensitive Care
  - Dry Skin Care

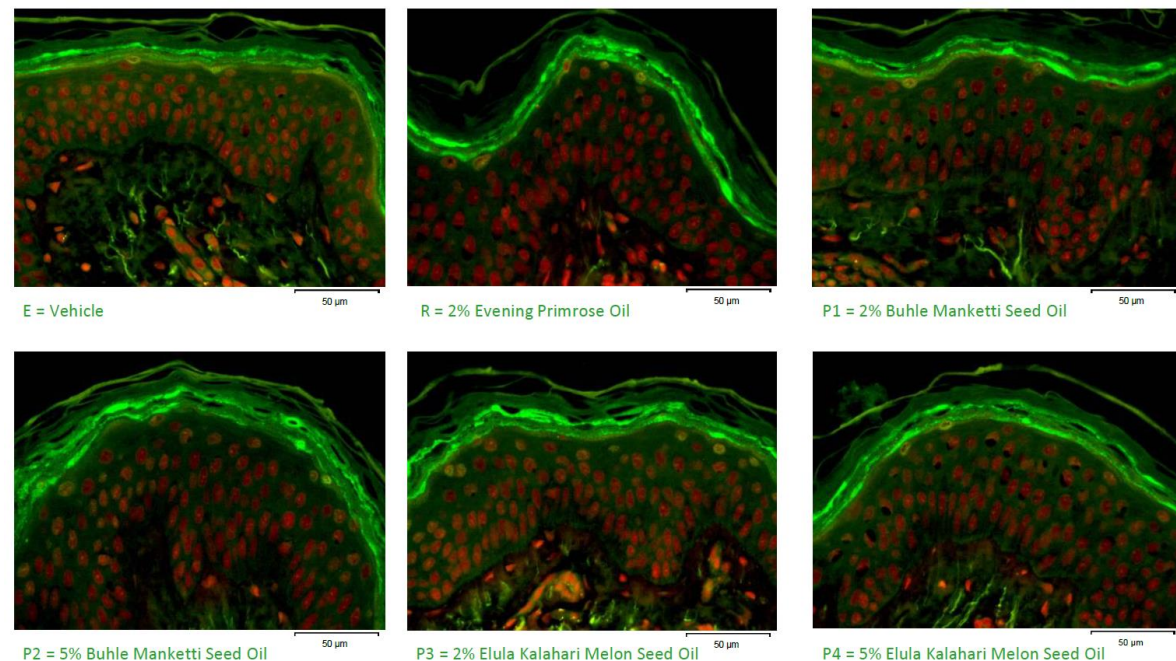


Figure 5: Microscopic Evaluation of Filaggrin Expression in Delipidised Skin at T24

© Laboratoire Bio-EC, France

# Kalahari Melon Seed Oil (Elula) #7329 – Deep nourishing savior

Skin barrier recovery



Figure 1: Xerosis Induced Skin Markings and Fine Scales

© WebMD Image Collection

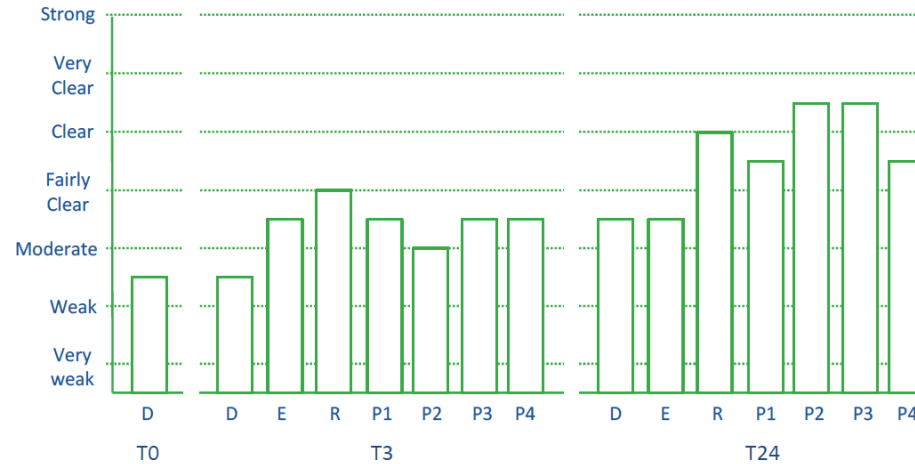


Figure 3: Expression of Filaggrin at T0, T3 and T24 hours Delipidised Skin

D = Delipidised Skin  
E = Vehicle  
R = 2% Evening Primrose Oil  
P1 = 2% Buhle Manketti Seed Oil  
P2 = 5% Buhle Manketti Seed Oil  
P3 = 2% Elula Kalahari Melon Seed Oil  
P4 = 5% Elula Kalahari Melon Seed Oil

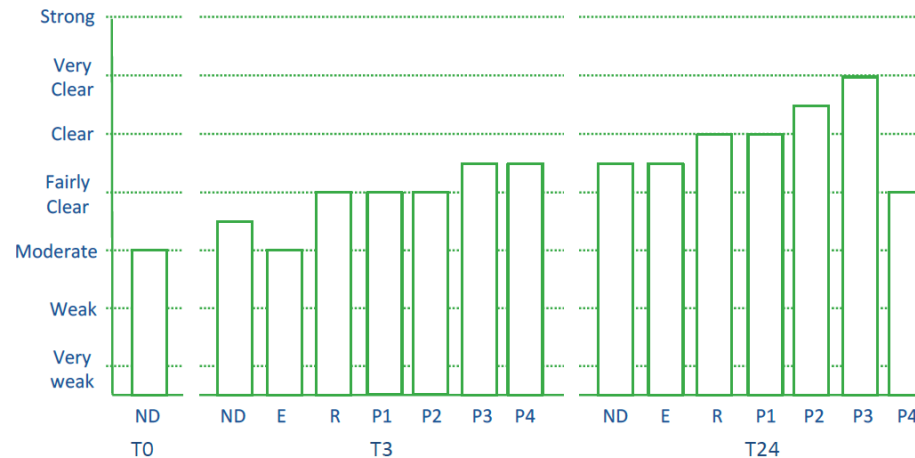


Figure 4: Expression of Filaggrin at T0, T3 and T24 hours in Non-Delipidised Skin

ND = Non-Delipidised Skin  
E = Vehicle  
R = 2% Evening Primrose Oil  
P1 = 2% Buhle Manketti Seed Oil  
P2 = 5% Buhle Manketti Seed Oil  
P3 = 2% Elula Kalahari Melon Seed Oil  
P4 = 5% Elula Kalahari Melon Seed Oil

© Kupanda Ltd.

# Manketti Seed Oil (Buhle) #7333 – Filmogen for hair and body



## INCI (Schinziophyton Rautanenii (Manketti) Seed Oil)

- natural oil relatively low on oleic to linoleic fatty acid proportions but comparatively high eleostearic fatty acid
- exceptionally high  $\gamma$ -Tocopherol and robust  $\beta$ -Sitosterol content
- unrefined oil is produced through cold-press extraction; refined oil is physically treated to lighten and deodorized



© Kupanda Ltd.

Use concentration:  
5-100%

# Manketti Seed Oil (Buhle) #7333 – Filmogen for hair and body

## African Cultural Significance and Folklore

- 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
- 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

# Manketti Seed Oil (Buhle) #7333 – Filmogen for hair and body

## Study design

- assessment of skin barrier repair (fillagrin expression)
- *ex vivo* delipidised living human abdominoplasty skin explants
- use concentrations 2 % and 5 %
- control: untreated, control vehicle and evening primrose oil (positive control)
- evaluation by immunostaining of fillagrin
- measurement after 0 hours, 3 hours and 24 hours



# Manketti Seed Oil (Buhle) #7333 – Filmogen for hair and body

## Activity

- active in skin repair and enhancement of barrier function, filmogen for hair and body, Anti-Oxidant
- suitable for:
  - Skin and Hair Care
  - Anti-Aging
  - Decorative Cosmetics
  - Dermatological Care
  - Soaps and Bath Additives
  - Massage Oils
  - Sensitive Skin Care

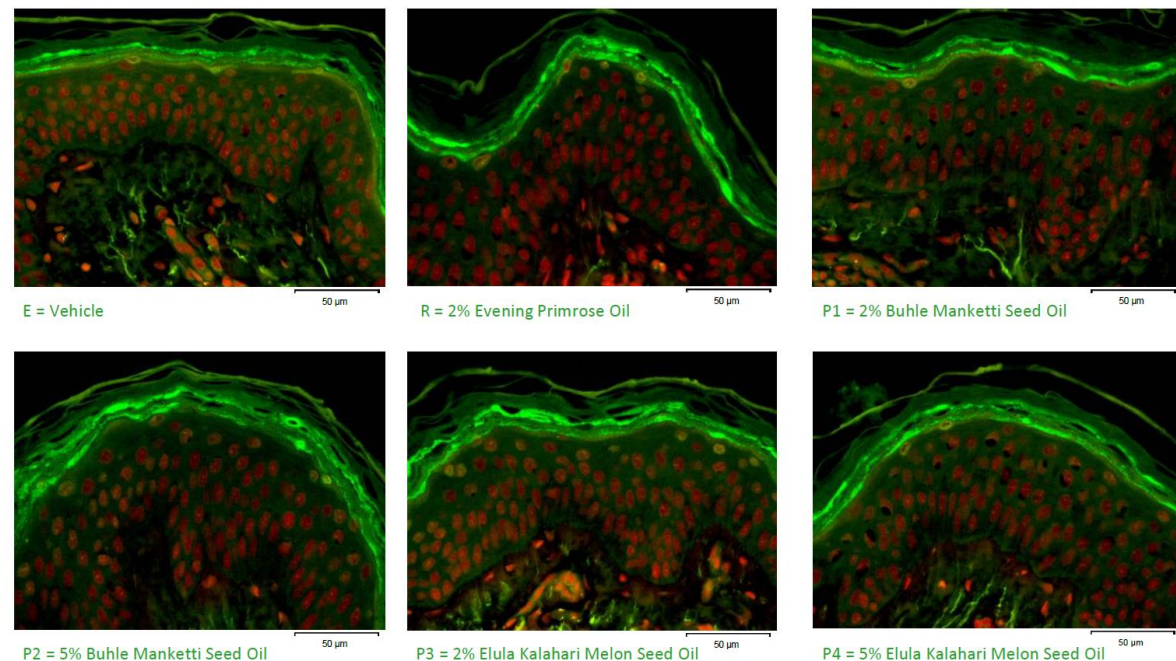


Figure 5: Microscopic Evaluation of Filaggrin Expression in Delipidised Skin at T24

© Laboratoire Bio-EC, France

# Manketti Seed Oil (Buhle) #7333 – Filmogen for hair and body

Skin barrier recovery



© Kupanda Ltd.

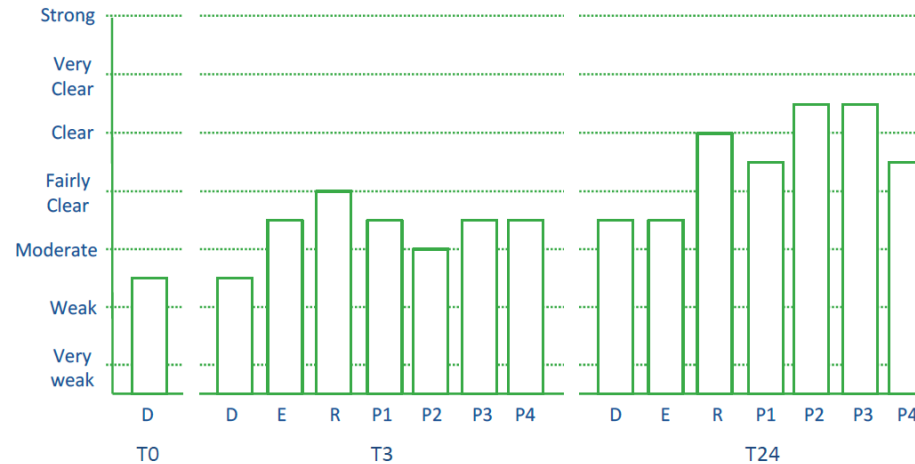


Figure 3: Expression of Filaggrin at T0, T3 and T24 hours Delipidised Skin

D = Delipidised Skin  
E = Vehicle  
R = 2% Evening Primrose Oil  
P1 = 2% Buhle Manketti Seed Oil  
P2 = 5% Buhle Manketti Seed Oil  
P3 = 2% Elula Kalahari Melon Seed Oil  
P4 = 5% Elula Kalahari Melon Seed Oil

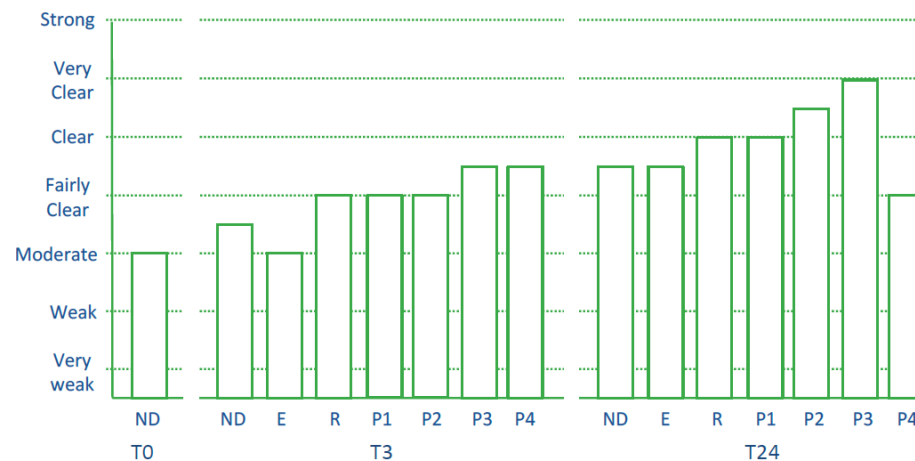


Figure 4: Expression of Filaggrin at T0, T3 and T24 hours in Non-Delipidised Skin

ND = Non-Delipidised Skin  
E = Vehicle  
R = 2% Evening Primrose Oil  
P1 = 2% Buhle Manketti Seed Oil  
P2 = 5% Buhle Manketti Seed Oil  
P3 = 2% Elula Kalahari Melon Seed Oil  
P4 = 5% Elula Kalahari Melon Seed Oil

© Kupanda Ltd.

# Manketti Seed Oil (Buhle) #7333 – Filmogen for hair and body

## Study design

- assessment of anti-frizz efficacy (volume) for a leave-on product
- *in vitro* on frizzy hair tresses
- use concentrations 2 % and 5 %
- proDerm Silhouette technique
- evaluation by image analysis
- control: vehicle
- measurement before (T0) and after product application (T1), after 24 hours (T2)

# Manketti Seed Oil (Buhle) #7333 – Filmogen for hair and body

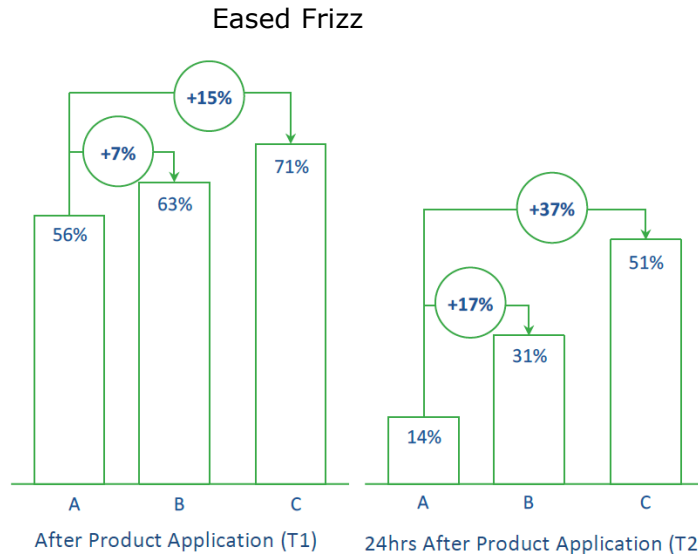


Figure 3: Reduction in Frizz (Volume) [%] - Relative Difference Values of all Measurements (n = 8). \*Statistically significant results  
A = Vehicle, B = 2% Buhle Manketti Seed Oil, C = 5% Buhle Manketti Seed Oil.

© Kupanda Ltd.



Figure 5: Maximum Frizz Before Application (T0).



Figure 6: After Product Application and Blow Drying (T1) - Vehicle (A).



Figure 7: 24hrs After Product Application (T2) - Vehicle (A).



Figure 8: Maximum Frizz Before Application (T0).



Figure 9: After Product Application and Blow Drying (T1) - 5% Buhle Manketti Seed Oil (C).



Figure 10: 24hrs After Product Application (T2) - 5% Buhle Manketti Seed Oil (C).

© ProDERM GmbH

Manketti Seed Oil reduces frizz immediately up to 15% more efficient and up to 37% better after 24h. Hair Volume increased significantly.

# Manketti Seed Oil (Buhle) #7333 – Filmogen for hair and body

## Study design

- assessment of smoothing and enhancing flexibility
- *in vitro* on frizzy hair tresses
- use concentrations 2 % and 5 %
- universal test machine (Zwick GmbH), measurement of force needed to pull tresses along pre-installed metal bars (force 5 N - 10 N)
- evaluation by data analysis
- control: vehicle
- measurement before (T0) and after product application (T1), after 24 hours (T2)

# Manketti Seed Oil (Buhle) #7333 – Filmogen for hair and body

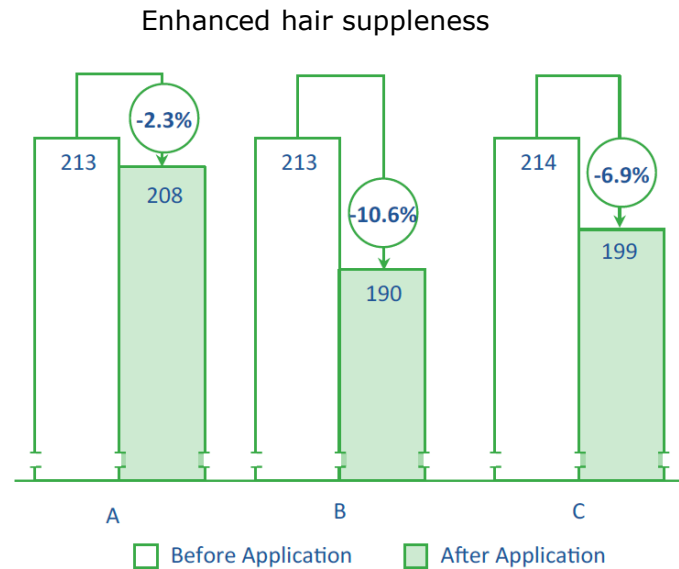


Figure 11: Pulling Force [mN] Before and After Treatment With Buhle Manketti Seed Oil  
A = Vehicle, B = 2% Buhle Manketti Seed Oil, C = 5% Buhle Manketti Seed Oil.

© Kupanda Ltd.

Manketti Seed Oil improves hair suppleness up to 8,3% further.



# Baobab Seed Oil (Moyo) #7337 – Deep care from the tree of life



## INCI (Adansonia Digitata Seed Oil)

- natural oil with broadly balanced ratios of palmitic (~25 %), oleic (~35 %) and linoleic fatty acids (~30 %)
- robust levels of  $\beta$ -Sitosterol and  $\gamma$ -Tocopherol, high in Vitamin A, E and F
- seeds are wild-harvested, opening of the baobab pod is a laborious process
- unrefined oil is produced through cold-press extraction; refined oil is physically treated to lighten and deodorized



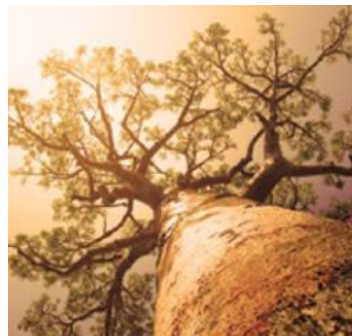
© Yellowj/Shutterstock

Use concentration:  
8-100%

# Baobab Seed Oil (Moyo) #7337 – Deep care from the tree of life

## African Cultural Significance and Folklore

- the baobab tree is only found in the African savannah, and known as the 'upside down' tree
- the tree symbolizes protection and regeneration, and is used as shelter, and as a communal meeting place
- the word 'moyo' means to life in the African Chichewa language, and symbolizes how Africans have long revered the oil's healing properties.



© Dudarev Mikhail, ninette\_luz/Shutterstock – Kupanda Ltd.

GfN GmbH & Selco GmbH

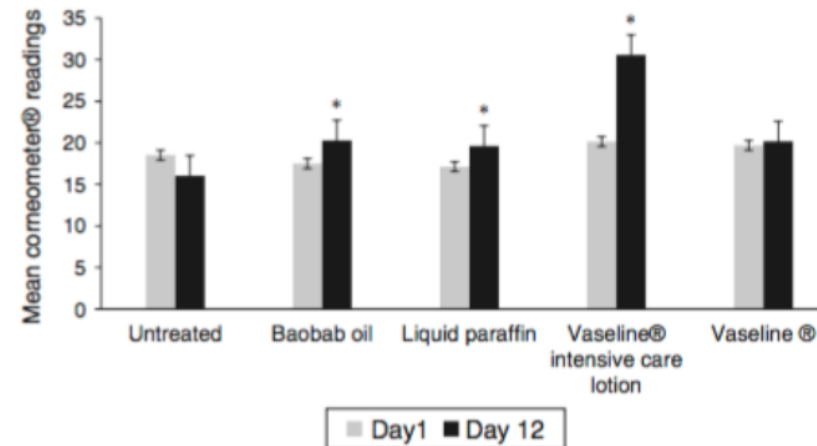
# Baobab Seed Oil (Moyo) #7337 – Deep care from the tree of life

## Activity

- active as a Moisturizer with deep hydrating and occlusive properties, Anti-Oxidant
- suitable for:
  - Skin and Body Care
  - Sun Care
  - Decorative Cosmetics
  - Hair Care
  - Soaps, Perfumes
  - Sensitive and Dry Skin Care
  - Anti-Aging

### D. Moisture Retention/Hydration

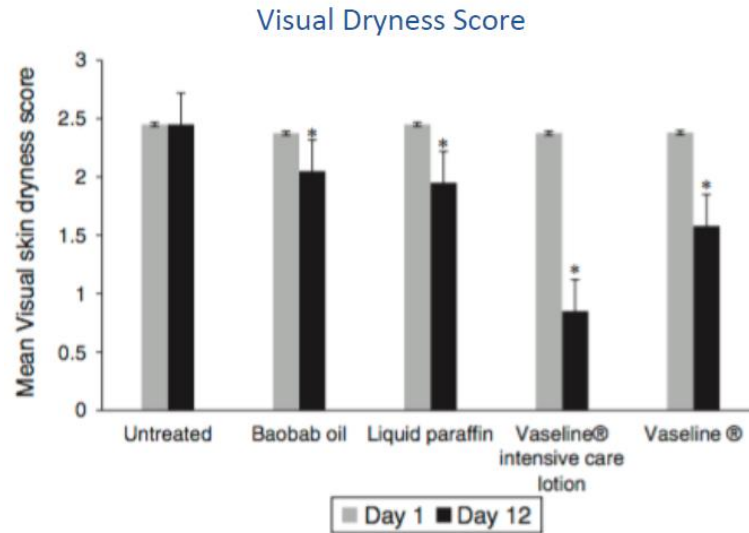
#### Capacitance Corneometer Test



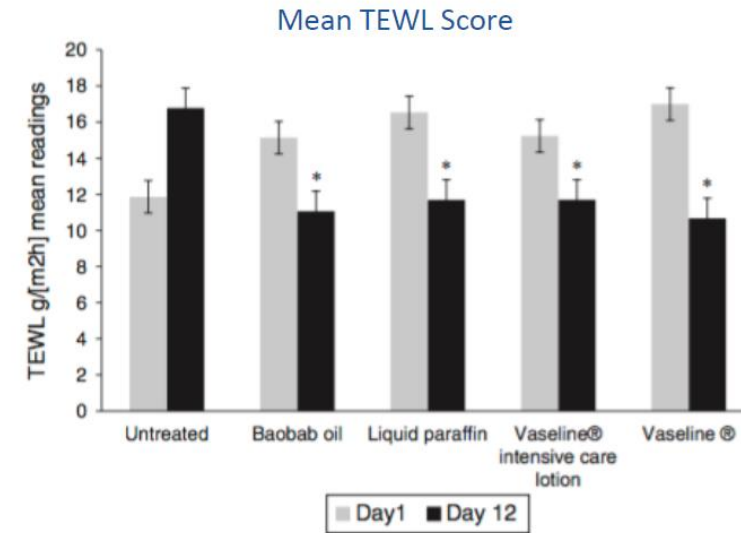
Bazilian Journal of Pharmacognosy (2017) p1-8  
B. Komanea, I. Vermaaka, G. Kamatoua, B. Summersc, A. Viljoen

# Baobab Seed Oil (Moyo) #7337 – Deep care from the tree of life

B. Moisture Efficacy



C. Aquaflux TEWL

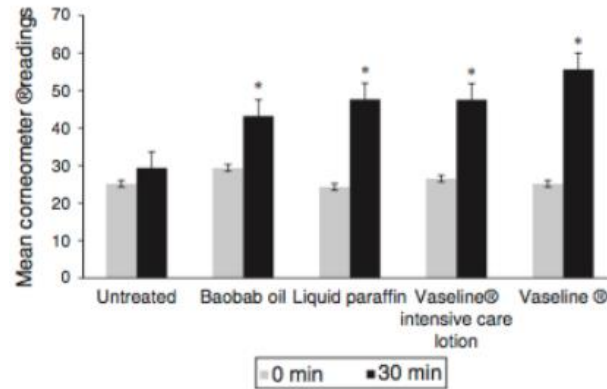


Bazilian Journal of Pharmacognosy (2017) p1-8  
B. Komanea, I. Vermaaka, G. Kamatoua, B. Summersc, A. Viljoen

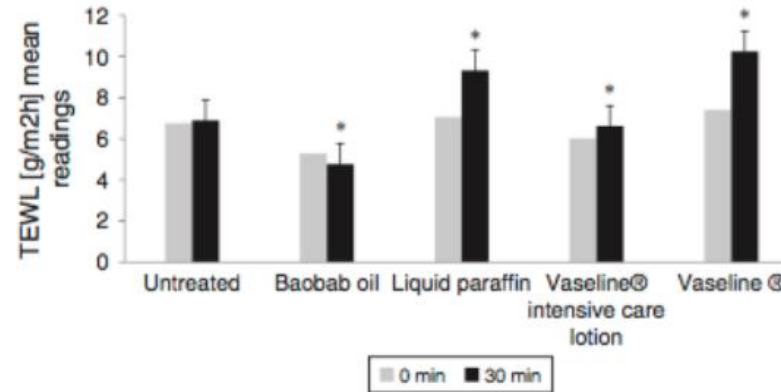
# Baobab Seed Oil (Moyo) #7337 – Deep care from the tree of life

## E. Occlusive Tests

Mean Corneometer (30 min. wipe off)



Mean TEWL (30 min. wipe off)



Bazilian Journal of Pharmacognosy (2017) p1-8  
B. Komanea, I. Vermaaka, G. Kamatoua, B. Summersc, A. Viljoen

# Moringa Seed Oil (Wala) #7335 – Rebalancing skin microbiome



## INCI (Moringa Oleifera Seed Oil)

- natural oil with high oleic and meaningful behenic fatty acids
- relatively balanced  $\alpha$ -,  $\beta$ -, and  $\gamma$ -Tocopherol ratios
- high levels of  $\beta$ -Sitosterol,  $\Delta$ 5-Avenasterol, and Campesterol and Lipid soluble antioxidants
- the moringa seeds are ethically and sustainably sourced from collaborating communities, which are situated in remote and disadvantaged regions of Africa
- unrefined oil is produced through cold-press extraction; refined oil is physically treated to lighten and deodorized



© Kupanda Ltd.

Use concentration:  
5-100%



# Moringa Seed Oil (Wala) #7335 – Rebalancing skin microbiome

## African Cultural Significance and Folklore

- the moringa is one of Africa's most treasured trees due to its unique physicality and pleasant aroma, together with its mystical place in Ancient Egyptian mythology and legendary African folklore
- the moringa tree has been bestowed with the title 'The Miracle Tree', or the 'Nebeday Tree', the tree that never dies
- traditional healers from central Africa (Ng'anga) worshipped the moringa tree as a means of reaching out to the gods. Ng'angas were said to have communicated to the gods via the moringa tree, humbly pleading for medicinal guidance
- the word 'wala' means to appear radiant or shine in the African language of Chichewa, which is spoken in Malawi

# Moringa Seed Oil (Wala) #7335 – Rebalancing skin microbiome

## Activity

- active in rebalance of microflora, skin barrier repair, Anti-Oxidant
- suitable for:
  - Skin and Body Care
  - Soaps
  - Cleansing Products
  - Hair Care
  - Moisturizer



© wasanajai, Chamnong Inthasaro/Shutterstock

# Moringa Seed Oil (Wala) #7335 – Rebalancing skin microbiome

## Study design

- assessment of microbe inhibition
- *in vitro* disc diffusion assay, evaluation by image analysis
- use concentrations 1 %, 2 %, 5 % and 100 %
- strains used: *B. linens* (present on human skin), *C. xerosis* (present on human skin, opportunistic pathogene), *C. albicans* (yeast present on skin and in the gut)
- control: tetracycline (antimicrobial positive control for *B. linens*, *C. xerosis*), fluconazole (antifungal positive control for *C. albicans*)
- measurement after 24 hours (*B. linens*, *C. xerosis*) and 48 hours (*C. albicans*)

# Moringa Seed Oil (Wala) #7335 – Rebalancing skin microbiome



© Kupanda Ltd.

Microbe inhibition

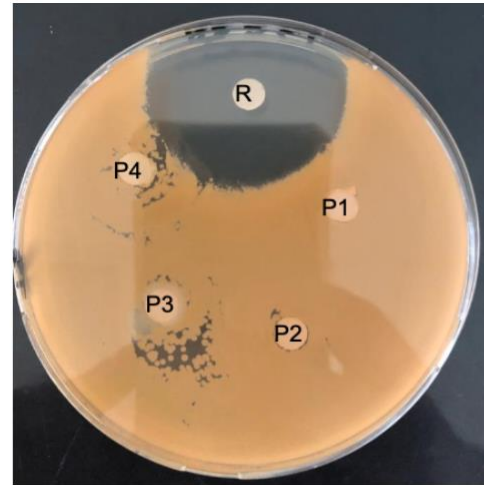


Figure 2: *Brevibacterium lines*

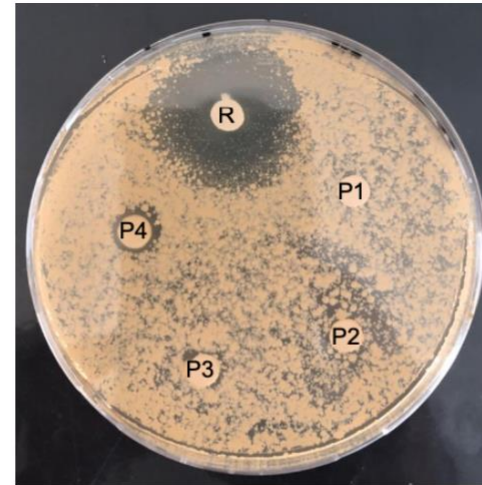


Figure 3: *Corynebacterium xerosis*

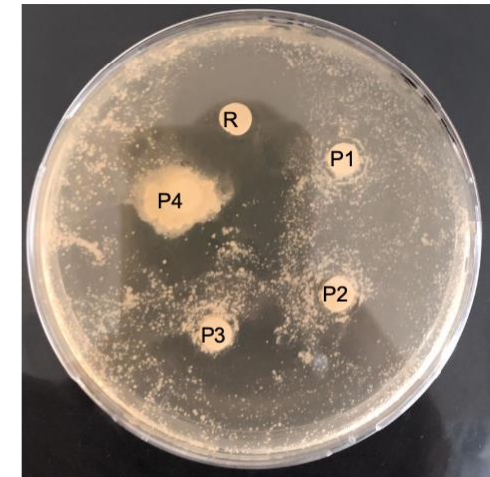


Figure 4: *Candida albicans*

R = Tetracycline Control | P1 = 1% WMSO | P2 = 2% WSMO | P3 = 5% WSMO | P4 = 100% WSMO

© Laboratoire Bio-EC, France

Moringa Seed Oil slowed down growth of *B. lines* and *C. xerosis*. A week slow down in growth was shown for *C. albicans*.



# Applicational Overview

	Manketti	Ximenia	Moringa	Kalahari Melon	Marula	Baobab
<b>Protection &amp; Recovery</b>						
Barrier Protection (from xerotic skin)	1 High linoleic acid coupled with $\gamma$ -tocopherol Low oleic acid content		3 Presence of behenic acid	1 High linoleic acid coupled with $\gamma$ -tocopherol Low oleic acid content		
Anti-Pollution (from environmental stressors)		1 $\beta$ -amyrin and lupeol Tocotrienes and $\beta$ -sitosterol support anti-oxidant properties				
<b>Skin Microbiome</b>						
Microflora Rebalance			1 High oleic acid is effective against a variety of microbes			
Cleansing & Anti-Blemish / Spots			2 High oleic acid is effective against a variety of microbes	3 High linoleic acid with $\beta$ -sitosterol		
<b>All-Round Cleansing, Hydration &amp; Moisturising</b>					1 Oleic, palmitic and stearic acids	1 Balanced oleic, palmitic and linoleic acids
<b>Microcirculatory Stimulation</b>						
Skin & Scalp/Follicles		2 Ximenynic acid as a microcirculatory stimulator				
<b>Filmogen for Hair / Skin</b>						
Filmogen for Hair	2 Elaeostearic acid is filmogenic Low oleic acid content					
Skin tightening/firming	3 Elaeostearic acid is filmogenic Low oleic acid content					
<b>Antioxidant</b>						
	3 Strong $\beta$ -sitosterol content	1 Tocotrienes and good $\beta$ -sitosterol	3 Rich in tocopherols, $\Delta^5$ -avenasterol and campesterol	2 Highest $\beta$ -sitosterol and campesterol	2 Robust $\beta$ -sitosterol content	2 Good $\beta$ -sitosterol content

**Key:** 1 Primary application 2 Secondary application 3 Tertiary application

© Kupanda Ltd.

\* Based on academic literature and Kupanda efficacy testing.



Product Name & Kupanda Product Code	Product Identifiers INCI CAS (EU) CAS (US) EINECS	Grade		Physical State at 20°C	Key Properties / Content	Benefits	Application								
		✓ Conventional * COSMOS Approved	Organic-certified by Lacon				Protection & Recovery		Skin Microbiome		Cleansing & Moisturing	Micro-circulatory Action	Filmogen for Hair / Skin		Anti-oxidant
							Barrier Function (from xerotic skin)	Anti-Pollution (from environmental stressors)	Skin Microflora Re-balance	Cleansing & Anti-blemish/Spots	Hydrating / Moisturising / Occlusive	Circulatory Stimulant - Skin & Scalp / Follicles	Filmogen for Hair	Filmogen for Skin - Tightening & / or Firming	Antioxidant
Wala Moringa Oil Unrefined (0211)	Moringa oleifera seed oil	✓*	✓	• Colour: light yellow - green • Odour: characteristic.	• High oleic, and meaningful behenic fatty acids • Balanced $\alpha$ -, $\beta$ -, and $\gamma$ -tocopherol ratios • High $\beta$ -sitosterol, $\Delta 5$ avenasterol, and campesterol • Lipid soluble antioxidants.	• Stratum corneum integrity • Anti-oxidant • Anti-microbial.	✓		✓	✓					✓
	Refined (0212)	93165-54-9 - 296-941-1	✓*												
Mfula Marula Oil Unrefined (0311)	Sclerocarya birrea seed oil	✓*	✓	• Colour: pale-golden yellow • Odour: characteristic.	• High oleic, coupled with palmitic and stearic fatty acids • High unsaponifiable fraction • Exceptionally high $\beta$ -sitosterol, and $\Delta 5$ -avenasterol.	• Radical scavenger • Anti-inflammatory.				✓					✓
	Refined (0312)	68956-68-3 - 273-313-5	✓*												
Mideka Ximenia Oil Unrefined (0411)	Ximenia americana seed oil	✓*		• Colour: yellow • Odour: characteristic.	• Large portions of monoenoic fatty acids, including ximenynic fatty acid • Substantial tocotrienol content • Considerable lupeol and $\beta$ -amyryn.	• Increases blood circulation • Anti-oxidant • Anti-inflammatory & anti-stress • Anti-microbial.				✓	✓				✓
	Refined (0412)	95193-67-2 - 305-880-2	✓												
Elula Kalahari Melon Oil Unrefined (0511)	Citrullus lanatus seed oil	✓*		• Colour: pale - light yellow • Odour: characteristic.	• Generous linoleic, coupled with oleic, palmitic and stearic fatty acids • High $\gamma$ -tocopherol • Significant $\beta$ -sitosterol, campesterol and squalene.	• Skin oil - multiple applications • Anti-inflammatory • Vitamin E content • Highly efficient peroxy-radical scavenging activity.	✓	✓		✓					✓
	Refined (0512)	90244-99-8 - 290-802-9	✓												
Buhle Manketti Oil Unrefined (0611)	Schinziophyton rautanenii seed oil	✓*		• Colour: light yellow • Odour: characteristic.	• Relatively low oleic to linoleic fatty acid proportions • Comparatively high eleostearic fatty acid • Exceptionally high $\gamma$ -tocopherol and robust $\beta$ -sitosterol.	• Anti-oxidant • Film forming nature on skin for serious skin dryness • Atopic dermatitis.	✓			✓		✓	✓		✓
	Refined (0612)	68956-68-3 - 273-313-5	✓												
Moyo Baobab Oil Unrefined (0111)	Adansonia digitata seed oil	✓*	✓	• Colour: golden yellow • Odour: characteristic.	• Broadly balanced ratios of palmitic, oleic and linoleic fatty acids • Robust $\beta$ -sitosterol and $\gamma$ -tocopherol.	• Radical scavenger • Moisture retention and hydration • TEWL Reduction.				✓					✓
	Refined (0112)	91745-12-9 225233-93-2 294-680-8	✓*												



# African wellbeing formulations

# Natural Sensational Face Cream-Gel with Soft Touch



© ValuaVitaly/iStock

## Claims:

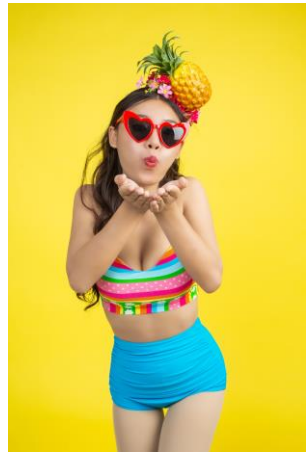
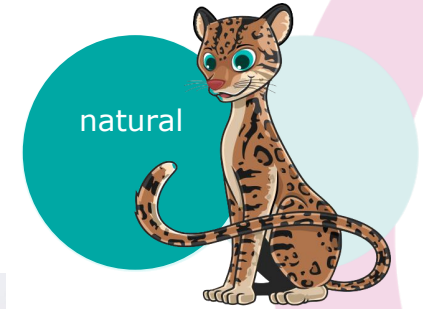
- Protects and recovers skin barrier function
- Offers deep moisturization
- Protects the skin
- Promotes skin renewal
- Fights oxidative stress
- Reduces inflammations
- Anti-inflammatory
- Skin Protection
- Non sticky



© GummyBone/iStock

Phase	Ingredient (our mat. no. in brackets)	INCI	Supplier	Dosage [%]
A	Deionised Water	Aqua	/	67,50
	Glycerin DAB 10, GMO-free	Glycerin	Cremer Oleo GmbH & Co.KG	5,00
	Hydrolite® 5 green	Pentylene Glycol	Cremer Oleo GmbH & Co.KG	7,00
	<b>Konjac Mannan gel powder (2034)</b>	<b>Glucomannan or Amorphophallus Konjac Root Extract</b>	<b>GfN</b>	<b>0,70</b>
	Genuvisco® carrageenan CG-131	Chondrus Crispus	CP Kelco	0,10
	Amisoft® HS-11P (F)	Sodium Stearoyl Glutamate	Rahn AG	0,20
B	Tego® Alkanol 1618	Cetearyl Alcohol	Evonik	1,50
	<b>Manketti Seed Oil (Buhle), unrefined (7334)</b>	<b>Schinziophyton Rautanenii Seed Oil</b>	<b>Selco</b>	<b>5,00</b>
	<b>Kalahari Melon Seed Oil (Elula), unrefined (7330)</b>	<b>Citrullus Lanatus Seed Oil</b>	<b>Selco</b>	<b>5,00</b>
C	<b>Quince Extract 2.5% NP (6021)</b>	<b>Aqua, Pyrus Cydonia Extract</b>	<b>GfN</b>	<b>8,00</b>
				100,00

# Tropical secrets - deep nourishing Body Butter



© artit/AdobeStock

## Claims:

- Offers deep moisturization and long term hydration
- Promotes skin renewal
- Protects and recovers skin barrier function
- Reduces TEWL
- Improves skin elasticity
- Soothes irritated skin
- Reduces inflammations
- Enhances smooth skin feel
- Fights oxidative stress
- Emulsifier free
- Non sticky



© GfN GmbH & Selco GmbH

Phase	Ingredient (our mat. no. in brackets)	INCI	Supplier	Dosage [%]
A	<b>Cupuacu Butter (deodorized) (7316)</b>	<b>Theobroma Grandiflorum Seed Butter</b>	<b>Selco</b>	<b>25,00</b>
	<b>Murumuru Butter (deodorized) (7317)</b>	<b>Astrocaryum Murumuru Seed Butter</b>	<b>Selco</b>	<b>35,00</b>
	Olive Butter	Hydrogenated Olive Oil	Henry Lamotte Oils GmbH	10,00
	Mangobutter	Mangifera Indica Seed Butter	Henry Lamotte Oils GmbH	10,00
	Avocado Oil, native	Persea Gratissima Oil	Henry Lamotte Oils GmbH	7,00
	<b>Moringa Seed Oil (Wala) unrefined (7336)</b>	<b>Moringa Oleifera Seed Oil</b>	<b>Selco</b>	<b>8,00</b>
	<b>Stearyl Glycyrrhetinate (7227)</b>	<b>Stearyl Glycyrrhetinate</b>	<b>Selco</b>	<b>1,00</b>
	<b>Turmeric Oil (CO<sub>2</sub>) (7250)</b>	<b>Curcuma Longa Root Extract</b>	<b>Selco</b>	<b>2,00</b>
	Candelilla wax	Candelilla Cera	Henry Lamotte Oils GmbH	2,00
			100,00	

# Natural African Safari Massage Oil



© Epixproductions/Fotolia

## Claims:

- Protects and recovers skin barrier function
- Offers deep moisturization and long term hydration
- Reduces TEWL
- Rebalances Microflora
- Fights oxidative stress
- Nourishes the skin
- Silicon free
- Non greasy



© GfN GmbH & Selco GmbH



© Kupanda Ltd.

Phase	Ingredient (our mat. no. in brackets)	INCI	Supplier	Dose [%]
A	Sweet Almond Oil	Prunus Amygdalus Dulcis Oil	Henry Lamotte Oils GmbH	19,50
	<b>Kalahari Melon Seed Oil ( Elula), unrefined (7330)</b>	<b>Citrullus Lanatus Seed Oil</b>	<b>Selco</b>	<b>20,00</b>
	<b>alpha-Bisabolol organic (A) (7290)</b>	<b>Bisabolol</b>	<b>Selco</b>	<b>0,50</b>
	<b>Moringa Seed Oil (Wala), unrefined (7336)</b>	<b>Moringa Oleifera Seed Oil</b>	<b>Selco</b>	<b>10,00</b>
	<b>Manketti Seed Oil (Buhle), unrefined (7334)</b>	<b>Schinziophyton Rautanenii Seed Oil</b>	<b>Selco</b>	<b>10,00</b>
	<b>Marula Seed Oil (Mfula), unrefined (7340)</b>	<b>Sclerocarya Birrea Seed oil</b>	<b>Selco</b>	<b>15,00</b>
	<b>Baobab Seed Oil (Moyo), unrefined (7338)</b>	<b>Adansonia Digitata Seed Oil</b>	<b>Selco</b>	<b>25,00</b>
				100,00

# African Anti-frizz Hair Oil



@Serezniy/Depositphotos

## Claims:

- Eases frizz
- Increases hair volume
- Enhances hair suppleness
- Strengthens the hair
- Improves shine of the hair
- Fights oxidative stress
- Silicon free
- Non greasy



@beboy/Shutterstock

Phase	Ingredient (our mat. no. in brackets)	INCI	Supplier	Dosage [%]
A	Sweet Almond Oil	Prunus Amygdalus Dulcis Oil	Henry Lamotte Oils GmbH	40,00
	Natura Tec Olive Squalan	Squalane	NCD Ingredients GmbH	22,00
	<b>Turmeric Oil (CO<sub>2</sub>) (7250)</b>	<b>Curcuma Longa Root Extract</b>	<b>Selco</b>	<b>3,00</b>
	Dermofeel® sensolv	Isoamyl Laurate	Evonik	30,00
	<b>Manketti Seed Oil (Buhle), unrefined (7334)</b>	<b>Schinziophyton Rautanenii Seed Oil</b>	<b>Selco</b>	<b>5,00</b>
				100,00



Danke für Ihre  
Aufmerksamkeit!

[www.gfn-selco.de](http://www.gfn-selco.de)

Folgen Sie uns auf 

Wir freuen uns auf Ihre Anfragen und  
stehen Ihnen sehr gerne bei Fragen  
jederzeit zur Verfügung!

