



Vegetal Oils differentiation

The premium oils we offer suit to all skin and hair types. However, they also have their specificities.

Let's explore their compositions & properties, their uniqueness and the type of products and claims they are well designed for.

4 premium vegetal oils

MORINGA OIL - Conventional - OK China

INCI: MORINGA OLEIFERA OIL

Origin: Burundi

MONGONGO OIL- Conventional

INCI: Mongongo (Schinziophyton rautanenii) seed oil

Origin: Namibia

MARULA OIL - Organic and FFL certified - OK China

INCI Sclerocarya birrea –marula) seed oil

Origin: Namibia

KALAHARI MELON OIL- Conventional - OK China

ICI: Citrullus Lanatus Seed Oil

Origin: Namibia



Our shared values

With our African producers, we believe in corporate policies that benefit the people and environment. The improvement of quality of life can be done by small increments like participating in socially and environmentally conscious investment like our Fair-for-Life projects.

The strategy to uplift the wild harvesters and their families is of utmost importance as on average each of the harvesters have 5 or more dependents, meaning it is more lives that are impacted upon than just those of the wild harvesters.

We support the retainment of age-old cultural intellectual property and skills, like the traditional method of decorticating kernels by hand. No kernels are used from nuts that were mechanically opened



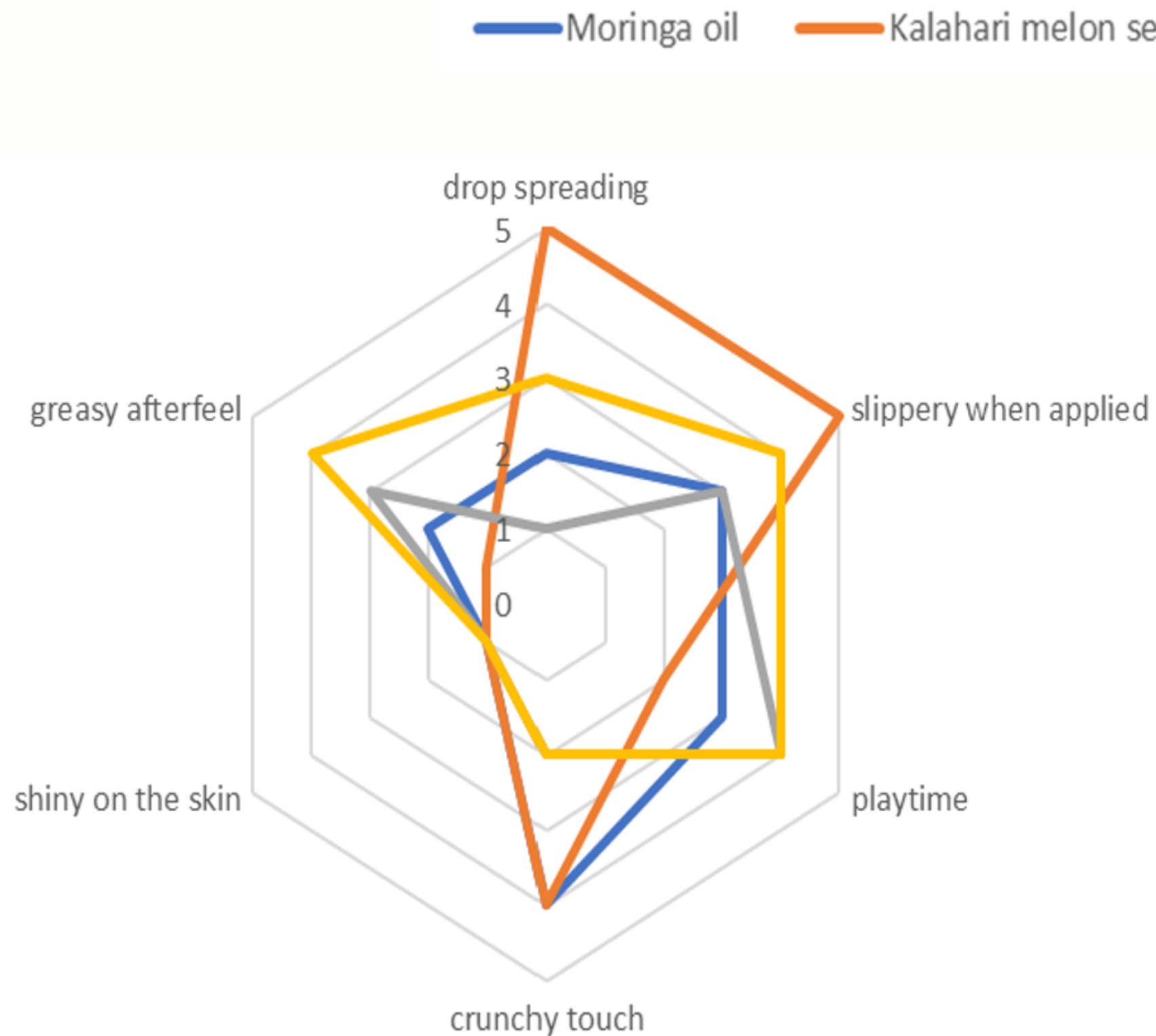
Oils composition & properties



AMHARISERA - Natural Ingredients

%	MORINGA Oil	MONGONGO OIL	KALAHARI MELON SEED OIL	MARULA OIL
Palmitic acid C16:0	4,59 - 5,53	5 -15	8 - 13	10 - 13
Stearic acid C18:0	3,52 - 3,85	4 - 9	5 - 11	5 - 8
Behenic acid C22:0	5 - 6,39			
Oleic acid (omega 9) C18:1 ω9	65,4 - 73,9	14 - 20	10 - 29	70 -80
Linoleic acid (omega 6) C18:2 ω6	0,7	30 - 55	55 -70	7 - 3
Linolenic acid (omega 3) C18:3 ω3	0,22	15 -29	< 2	< 1
Arachidic acid C20:0	2,30 - 2,64			
Gadoleic acide C20:1 ω9	1,99			
Palmitoleic acid C16:1 ω7	1,33			
Vitamin E (mg/100 g)	560	rich		
g-tocopherol (mg/100g oil)	+			21
y-tocopherol (mg/100g oil)	+		70,56	
α-tocopherol (mg/100g oil)	+		25,94	

Sensorial analysis



- **Kalahari melon seed oil** is the lighter oil with excellent spreading at the beginning and non-greasy after feel, it is an « evanescent oil ».
- **Marula seed oil** is more present on the skin, lowcrunchy touch, very caring after feel
- **Mongongo oil** is also a caring oil, with very «round » feeling, close to squalane
- **Moringa oil** is a good compromise, middle playtime and spreading, non greasy residue

	MORINGA Oil	MONGONGO OIL	KALAHARI MELON SEED OIL	MARULA OIL
Aspect	Liquid	Liquid	Liquid	Liquid
Color	Golden-yellow	Pale yellow	Pale yellow	Very pale yellow
Odor	very light (nut)	light oil odor	light oil odor	no odor
Resistance to oxidation	Highly resistant	Very resistant	Very resistant	Highly resistant
Density (at 20°C)	0,908	0,919 - 0,930	0,919 – 0,930	0,915 – 0,92
Acid value (mg KOH/g)	1,40 – 3,20	< 6	< 5	
Iodine number (g I2/100 g)	66 – 73	105 - 145	120 - 130	70 -76
Peroxide value (meqO2/kg)	1,5 -3,3	< 20	< 7,5	
Saponification value (mg KOH/g)	187,6 – 190	190 - 205	180 - 200	188 - 196
Refractive index	1,467	1,4884 – 1,4944	1,463 – 1,475	1,455 – 1,465

Formulation & Market recommendations



AMHARISERA - Natural Ingredients

Moringa oil

the richer in omega 9 with behenic acid

Composition key aspects

- Rich in behenic acid (C22)
- Omega 9 (high oleic acid content)
- Presence of sterols and tocopherols into unsaponifiables
- Highly resistant to oxidation

Key recommended usages

- Hydrating
- Anti-aging
- Soothing
- Protect integrity of skin and hair against the oxidation process (++)
- Nourishing, repairing
- Reduces skin roughness
- Anti skin disorders
- Rebalance seborrheic composition

Sensorial specificities

- Pale yellow
- Non greasy afterfeel
- Middle playtime when applying

Recommended market claims

- Anti-age daily care (first signs of aging)
- Firming cream (face and body)
- Anti-age serum
- Moisturizing cream
- UV protection daily care
- Dry skin massage
- Hair care (protection)



Recommended for Skincare, SPA & Haircare brands

Kalahari Melon oil

the richer in omega 6 & rich in tocopherols

Composition key aspects

The richer in Omega 6 +++ (linoleic acid)
Rich in tocopherols (anti-oxidants)
Very resistant to oxidation

Key recommended usages

Anti-oxidant
Emollient
Barrier role for the epidermis
Regulating the hydration, limit TEWL (transepidermal water loss)
Dissolves excess sebum
Soothing effect

Sensorial specificities

Pale yellow- characteristic odor(light)
Excellent spreading, very slippery when applied, dry afterfeel,
Very light touch

Recommended market claims

Acne product /blemish prone skin
Oily skin type product
Oil cleansing balm
Product for sensitive skin (Moisturising creams)
Baby products / baby skincare
Hair oil (light oil)



Recommended for Babycare, Skin with imperfections & Haircare brands

Mongongo oil

Composition key aspects

Rich in essential fatty acids:
Omega 6 ++ (linoleic acid)
Oméga 3 (linolenic acid)
Rich in tocopherols (vitamin E)
Very resistant to oxidation

Key recommended usages

Emollient
Protective
Anti-ageing
Natural sunblock
Omega 3 helps skin to resist to UV
Anti-inflammatory effect
Hydrating

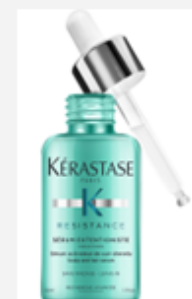
best ratio omega 6 / omega 3

Sensorial specificities

Pale yellow
Light characteristic odor
Caring feeling oil, velvet touch

Recommended market claims

UV protection daily care (Asia ++)
Anti-pollution daily care
Suncare product (hero active)
Body butter
Soothing properties for scalp: scalp serum
Hair oil (protection of sun damages)



Recommended for Suncare, Body & Haircare brands

Marula oil

the richer in omega 9 with palmitic acid & tocopherols

Composition key aspects

Palmitic acid
Omega 9 +++ (oleic acid)
Tocopherols
Highly resistant to oxidation

Key recommended usages

Anti-oxidant
Anti-ageing
Emollient - softening
Moisturizing - Nourishing
Healthy skin barrier
Anti-inflammatory
Very stable to oxidation

Sensorial specificities

Very pale yellow – no odor
Caring afterfeel, velvet touch, emollient
Present on the skin, good spreading

Recommended market claims

Anti-age product
Suitable for mature skin
Suitable for fragrance-free skincare
Dry skin face and body



Recommended for Body & Skincare brands

Conclusion



	Composition key aspects	Sensorial specificities	Recommended usages	Key market claims
Moringa oil	<ul style="list-style-type: none"> - Rich in behenicacid (C22) - Omega 9 (oleic acid) - Presence of sterols and tocopherols (anti-oxidants) - Highly resistant to oxidation 	<ul style="list-style-type: none"> - Pale yellow - Non greasy afterfeel - Middle playtime when applying 	<ul style="list-style-type: none"> - Hydrating - Anti-aging - Soothing - Protect integrity of skin and hair against the oxidation process (++) - Nourishing, repairing - Reduces skin roughness - Anti skin disorders - Rebalance seborrheic composition 	<ul style="list-style-type: none"> - Anti-age daily care (first signs of aging) - Firming cream (face and body) - Anti-age serum - Moisturizing cream - UV protection daily care - Dry skin massage - Hair care (protection)
Kalahari Melon oil	<ul style="list-style-type: none"> - Omega 6 +++ (linoleic acid) - Rich in tocopherols (anti-oxidants) - Very resistant to oxidation 	<ul style="list-style-type: none"> - Pale yellow & light odor - Excellent spreading, very slippery when applied, dry afterfeel, very light touch 	<ul style="list-style-type: none"> - Anti-oxidant - Emollient - Barrier role for the epidermis - Regulating the hydration, limit TEWL (transepidermal water loss) - Dissolves excess sebum - Soothing effect 	<ul style="list-style-type: none"> - Acne product /blemish prone skin - Oily skin type product - Oil cleansing balm - Product for sensitive skin (Moisturising creams) - Baby products / baby skincare - Hair oil (light oil)
Mongongo oil	<ul style="list-style-type: none"> - Rich in essential fatty acids: - Omega 6 ++ (linoleic acid) - Oméga 3 (linolenic acid) - Rich in tocopherols (vitamin E) - Very resistant to oxidation 	<ul style="list-style-type: none"> - Pale yellow - Light characterictic odor - Caring feeling oil, velvet touch 	<ul style="list-style-type: none"> - Emollient - Protective - Anti-ageing - Natural sunblock - Omega 3 helps skin to resist to UV - Anti-inflammatory effect - Hydrating 	<ul style="list-style-type: none"> - UV protection daily care - Anti-pollution daily care - Suncare product (hero active) - Body butter - Soothing properties for scalp: scalp serum - Hair oil (protection of sun damages)
Marula oil	<ul style="list-style-type: none"> - Palmitic acid - Omega 9 +++ (oleicacid) - Highly resistant to oxidation 	<ul style="list-style-type: none"> - Very pale yellow & no odor - Caring afterfeel, velvet touch, emollient - Present on the skin, good spreading 	<ul style="list-style-type: none"> - Anti-oxidant - Anti-ageing - Emollient - softening - Moisturizing - Nourishing - Healthy skin barrier - Anti-inflammatory - Very stable to oxidation 	<ul style="list-style-type: none"> - Anti-age product - Suitable for mature skin - Suitable for fragrance-free skincare - Dry skin face and body

AMHARISERA

The concept

AMHARISERA offers conventional or organic and/or Fair Trade certified natural ingredients to the cosmetics, perfumery and pharmaceutical industries.

After 20 years of experience in various industries in France and abroad, Alexandra Legai has developed a taste for naturalness. I decided to focus my expertise on how to serve natural ingredients producers in the world.

All the natural ingredients I offer are carefully selected in a spirit of human and environmental respect. As an exclusive agent, I consider essential to work in complete confidence. I am committed to **total transparency and traceability** by offering you the possibility of **direct contact with producers** on site.

AMHARISERA refers to the Amharas, traditionally sedentary farmers living in Ethiopia. They formed the heart of imperial Ethiopia. The elites of this ethnic group were for a long time those who ruled the country. They live in the rich mountainous regions of the Ethiopian highlands of the Horn of Africa.

Please contact me

Alexandra Legai +33 6 15 74 31 21 - alexandra@amharisera.com