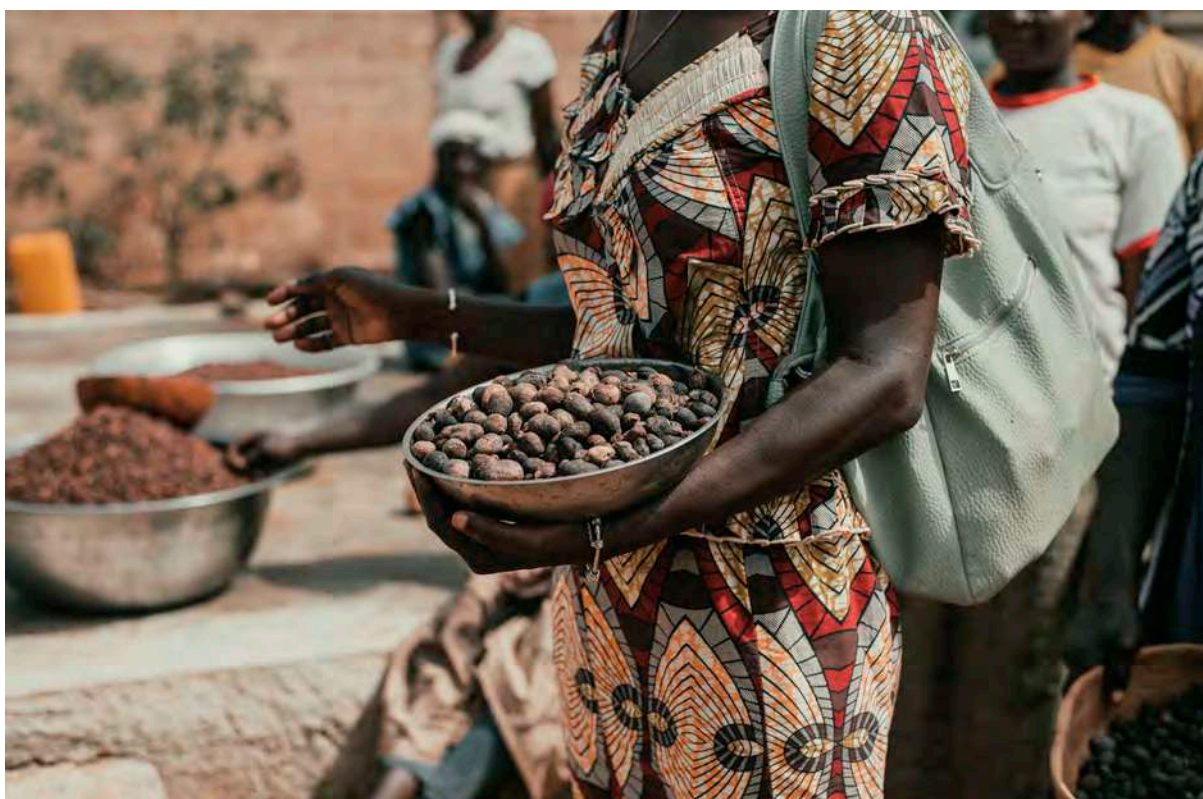


IntegriLIPID African Oils



A Complete Listing of
African Oils



IntegriLIPID Baobab Seed Oil Refined

INCI Nomenclature: Adansonia digitata (Baobab) Seed Oil

Baobab (Mbuyu in Swahili) oil is derived from the seeds of the baobab tree, native to Eastern and Southern Africa. It has been used in traditional African skin care for centuries. This rich, golden oil has a slightly nutty smell. It has a high content of vitamins A, D, E and F (essential fatty acids). Baobab oil is **said to provide superb moisturizing benefits to the skin and hair**. It is **quickly absorbed, improves elasticity, encourages regeneration of skin cells and is non-comedogenic**. It is an excellent ingredient in formulations for **eczema and psoriasis**. Baobab oil is extremely **resistant to oxidation**. Usually used in small percentages in creams, lotions, body butters and other skin care formulations.

Shelf Life: 2+ years.

Typical Fatty Acid Profile:

14:0 Myristic 0.19%
16:0 Palmitic 15.50%
16:1 Palmitoleic 0.20%
16:2..... 0.70%
18:0 Stearic 3.12%
18:1 Oleic 24.69%
18:2 Linoleic 19.11%
18:3 Linolenic 1.90%
20:0 Arachidic 0.74%
20:1 Gadoleic 0.19%
22:0 Behenic 0.36%
24:0 Lignoceric 0.31%



IntegriLIPID Kalahari Melon Seed Oil
INCI Nomenclature: Citrullus Lanatus (Melon) Seed Oil

Kalarhai Melon (watermelon) seed oil is a **light, penetrating , emollient** oil. It is rich in omega 6 and 9 essential fatty acids. Melon oil **absorbs into the skin readily** and **dissolves sebum build-up** allowing the sebum to wash away. It also **balances the moisture** in the skin. It is used in cosmetics and hair care products for its **non greasy feel** and moisturizing properties. Melon seed oil **restores elasticity to mature skin**. It can be used as a natural baby oil and is a good option for a carrier oil in aromatherapy. It is used in massage oils, bath oils, salt scrubs, facials, face cream, bath bombs and hair oils.

Shelf Life: 1 year.

Typical Fatty Acid Profile:

16:0 Palmitic 10.6%
16:1 Palmitoleic 0.3%
18:0 Stearic 8.5%
18:1 Oleic 17.5%
18:2 Linoleic 61.2%
18:3 Alpha Linolenic 0.1%
20:0 Icosanoic 0.4%
20:1 Icosenoic 0.1%
22:0 Docosanoic 0.1%
22:1 Docosenoic 0.1%
24:0 Tetracosanoic 0.1



IntegriLIPID Marula Oil

INCI Nomenclature: Sclerocarya birrea (Marula) Kernel Oil

Marula oil is one of Africa's most notable skin care oils. It **is rich in anti-oxidants and oleic acid**. Marula oil is an extremely stable fixed oil. Its high content of palmitic acid creates an occlusive barrier on the surface of the skin making it particularly good for products designed for dry skin. **It is rapidly absorbed, reducing Trans Epidermal Water Loss**. It is also a **first class superfatting agent** for soap use.

Shelf Life: 2+ years.

Typical Fatty Acid Profile:

14:0 Myristic 0.15%
16:0 Palmitic 14.13%
16:1 Palmitoleic 0.16%
17:0 Margaric 0.07%
18:0 Stearic 10.32%
18:1 Oleic 65.35%
18:2 Linoleic 4.46%
20:0 Arachidic 0.96%
20:1 Gadoleic 0.25%
20:3 Dihomo-gamma-linolenic 0.18%
22:0 Behenic 0.25%
22:2..... 0.10%
24:0 Lignoceric 0.56%
24:1 Nervonic 0.39%



IntegriLIPID Mongongo Oil Refined

INCI Nomenclature: Schinziophyton Rautanenii Kernel Oil

Mongongo trees grow throughout South Africa where the nuts and the oil have been used traditionally for their nutritive value. The oil, is **highly emollient and protects the skin from environmental damage**. The Kwangali tribe uses this **oil as a nutrient rich hair treatment oil**. Mongongo oil can be used in a wide variety of creams, lotions, sun care products, lip balms, hair conditioning oils and body butters.

Shelf Life: 1 year.

Typical Fatty Acid Profile:

16:0 Palmitic 9.50%
18:0 Stearic 7.60%
18:1 Oleic 17.70%
18:2 Linoleic 42.90%
20:1 Gadoleic 0.60%



IntegriLIPID Moringa Oil Refined

INCI Nomenclature: *Moringa oleifera* Oil

The Moringa tree is **often referred to as the "miracle tree"** because of its many benefits and uses. The beneficial properties of moringa oil, also known as Behen Oil, were well known to the ancient cultures and vases of moringa oil were left in Egyptian tombs. It has **excellent oxidative stability**. It is high in oleic acid and of similar in composition to olive oil. Moringa **oil is light and spreads easily on the skin**. Moringa oil can be used as a substantial part of the lipid phase in creams, lotions, balms, scrubs, body oils, and hair care formulations.

Shelf Life: 1 year.

Typical Fatty Acid Profile:

8:0 Caprylic 0.04%
14:0 Myristic 0.14%
16:0 Palmitic 6.34%
16:1 Palmitoleic 1.38 %
17:0 Margaric 0.08%
18:0 Stearic 5.70%
18:1 Oleic 71.60%
18:2 Linoleic 0.77 %
20:0 Arachidic 3.52%
20:1 Gadoleic 2.24%
22:0 Behenic 6.21%
22:10.12%
26:0 Cerotic 1.21%

Typical Stearine Profile:

Cholesterol 0.18%
Brassicasterol 0.06%
Campesterol 15.81%
Campestanol 0.36%
Stigmasterol 23.10%
Clersterol 2.08%
delta 5-Avenasterol 8.46%
24-Methylene cholesterol 0.07%
delta 7-Avenasterol 0.53%

Typical Tocopherol Profile:

a-Tocopherol	5.06mg/kg
d-Tocopherol	3.55mg/kg
y -Tocopherol	25.40mg/kg



IntegriLIPID Papaya Seed Oil Refined
INCI Nomenclature: Carica papaya (Papaya) Seed Oil

Papaya oil is rich **in essential fatty acids and acts as a deep penetrating moisturizing oil**. It is great in creams, lotions, hair oils, body butters and lip balms. It conditions the hair and skin and can be used in **any type of formulation where conditioning and moisturizing properties are required**.

Shelf Life: 1 year

Typical Fatty Acid Profile:

14:0 Myristic 0.20%
16:0 Palmitic 20.50%
18:0 Stearic 4.90%
18:1 Oleic 69.50%
18:2 Linoleic 3.60%
18:3 Linolenic 0.50%
20:0 Arachidic 0.60%
22:0 Behenic 0.20%



IntegriLIPID Passion Flower Oil

INCI Nomenclature: Passiflora incarnata (Passion Flower) Seed Oil

Passion flower oil is a **relatively quick penetrating oil with a dry “skin feel”**. It has an extraordinarily high content of linoleic acid (up to 75%), an essential fatty acid (EFA) which is readily taken up by the skin and **reduces Trans Epidermal Water Loss (TEWL)** and thereby **restores the elasticity of the skin**. Unlike other oils, which work by occlusion only, passion flower oil **functions curatively by incorporation of the EFA into the stratum corneum**, giving a much longer lasting effect than occlusive oils.

Shelf Life: 1 year.

Typical Fatty Acid Profile:

16:0 Palmitic 9.00%
18:0 Stearic 2.50%
18:1 Oleic 12.00%
18:2 Linoleic 77.00%
18:3 Linolenic 0.50%



IntegriLIPID Yangu Oil Refined “Cape Chestnut”

INCI nomenclature: Calodendrum capense (Cape Chestnut) Nut Oil

Cape chestnut oil is a cold processed, grown and wildcrafted in Mt. Kenya's forests. Cape chestnut **oil offers natural ultra violet protection**, contains EFA's and antioxidants, and has a mild odor. The purity of the oil coupled with its mild odor and health benefits make Cape Chestnut Oil an **ideal base for hair conditioning** as well as for creating homemade natural cosmetics.

Shelf Life: 1 year.

Typical Fatty Acid Profile:

16:0 Palmitic 18.80%
16:1 Palmitoleic 0.50%
17:0 Margaric 0.10%
17:1..... 0.10%
18:0 Stearic 5.90%
18:1 Oleic 41.50%
18:2 Linoleic 30.40%
18:3 Linolenic 0.90%
20:0 Arachidic 0.50%
20:1 Gadoleic 0.10%
22:0 Behenic 0.20%
22:1 Erucic 0.10%
24:0 Lignoceric 0.10%

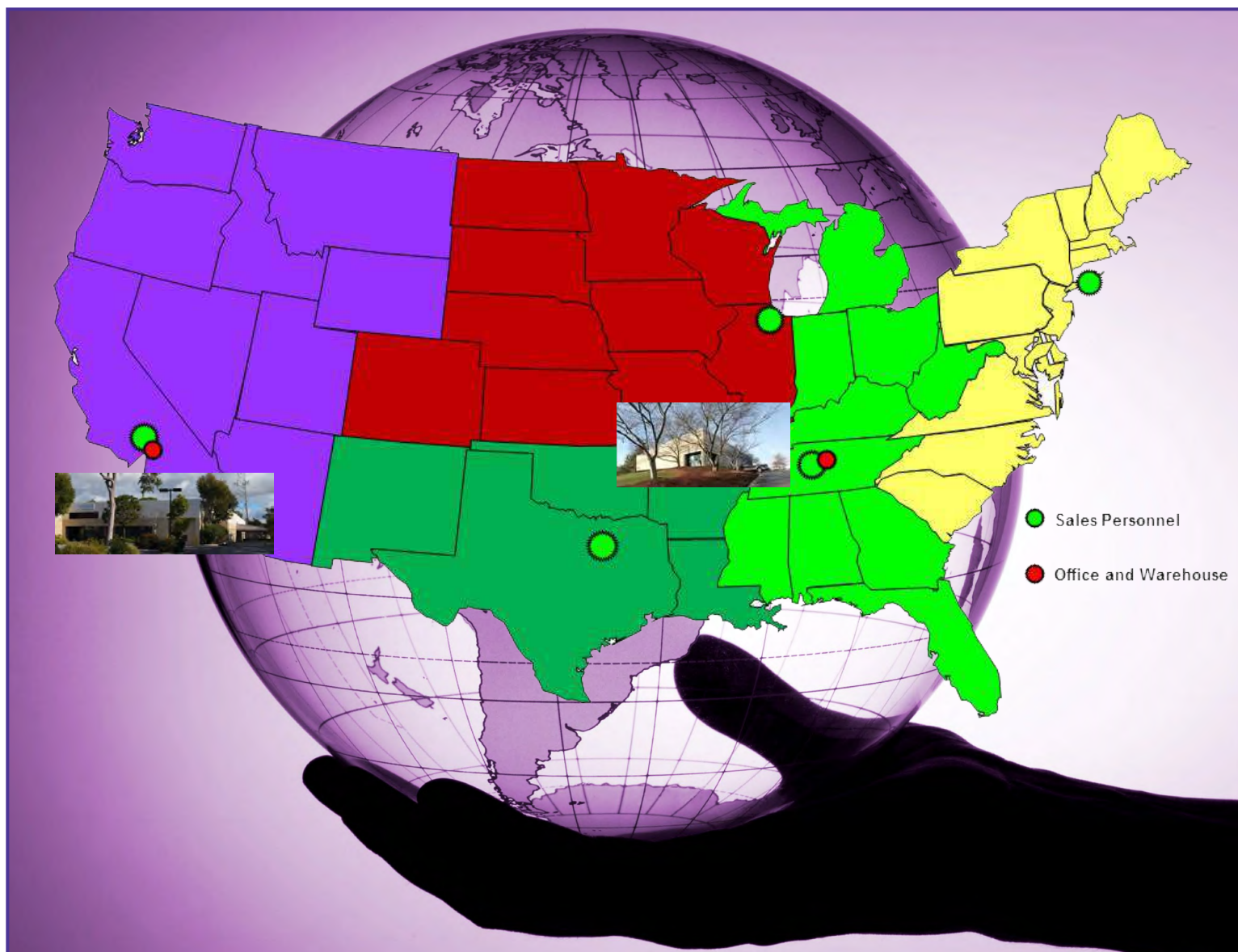
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