

*Central States Chemical Marketing Company*

# BAOBAB OIL

**Adansonia digitata seed oil**



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# Baobab

The Baobab tree is probably the most well known of African trees. Its thickness, gray color, fibrous trunk (which in some cases reaches more than 25 meters in circumference) and large crown, seasonally devoid of foliage, are instantly recognizable. Baobabs are extremely long-lived, with some specimens believed to be as much as 3,000 years old. The baobab belongs to its own family, Bombacaceae.

The Baobab oil is derived from the fruit of this native eastern and southern African tree. A hard woody shell is covered in yellowish-green velvety hairs. Inside this shell, the fruit contains a number of seeds embedded in a whitish powdery pulp.

The Baobab oil has been an essential part of daily skin care in Africa for centuries. It has a high content of vitamins A, D, E and F which combined provide impressive moisturizing qualities for skin and hair.

Baobab oil, stimulates the regeneration of cells, improves elasticity, absorbs quickly, and does not clog pores. It is often used to treat issues with eczema, psoriasis and rosacea. It is also said to alleviate pain from burns and regenerates the epithelial tissues in a short time, thereby improving skin tone and elasticity.

In Haircare, Baobab oil, with its unique vitamin content and inherent moisturizing qualities can be a soothing solution to numerous issues, including mending dry, brittle and broken hair, while soothing and healing itchy, irritated scalp.

# Baobab in Cosmetics

Since ancient times, the Baobab is used for various cosmetic purposes.

Proteins, vitamins and minerals found in the pulp, in the leaves and seeds are optimal nourishment to the epidermis, hair and nails.

- Vitamin A - smoothing and softening effect, useful for maintenance of cellular integrity.
- Vitamin B1/B2 - promotes the synthesis of melanin.
- Vitamin B6 - regulates sebum secretions of the skin.
- Vitamin B4 - of thermoactive effect on the skin and on the scalp, due to stimulation of blood circulation.
- Vitamin C - develops from the biological side an aid in collagen synthesis.
- Vitamin E - fights the formation of free radicals.
- Vitamin F (polyunsaturated fatty acids) - ensures optimal hydration and tissue protection.

Thanks to its vitamin components and completely natural organic acids, the Baobab can retard skin aging by keeping the skin elastic and shiny.

- ❖ Moisturizer and emollient for dry or very dry skin, and soothes irritated scalp.
- ❖ Helps regenerate and heal the dry and broken hair
- ❖ Helps reduce signs of aging by stimulating collagen synthesis (flexibility, elasticity, smoothness and firmness of the skin).
- ❖ Regulator of sebaceous secretion and antibacterial for acne-prone skin, scars or stretch marks.
- ❖ Helps restore skin tissue from eczema or psoriasis irritations.
- ❖ Helps improve the appearance of nails and cuticles.
- ❖ Helps relieve pain from burns, regenerating epithelial tissue quickly, thus improving the skin tone and elasticity.

## Boabab Oil

CAS No.:	91745-12-9
EINECS No.:	294-680-8
INCI Name:	Andansonia Digitata Seed Oil

Baobab oil is an all vegetable, refined and non-hydrogenated product, manufactured from the fresh fruits of the Adansonia digitata L tree grown in Ghana. It has a light golden yellow appearance, and is liquid at room temperature. It prevents drying of skin and development of wrinkles. Reduces degeneration of skin cells and restores flexibility. It can be used in Hair Products, Skin care creams and lotions, balms, bar soaps etc.

### **SPECIFICATION**

Appearance  
Free Fatty Acid (% as Oleic)  
Iodine Value (Wijs)  
Peroxide Value (Meq/kg)  
Saponification Value  
Unsaponifiable Matter

### **TYPICAL RESULT**

Yellow to Golden Yellow soft oil  
2.0 Max.  
65 ~ 95  
10.0 Max.  
140 ~ 210  
0.0 ~ 1.0 %

### **FATTY ACID PROFILE (Typical Results)**

Palmitic	C16:0	18.0 ~ 46.0 %
Stearic	C18:0	0.0 ~ 5.0 %
Oleic	C18:1	30.0 ~ 45.0 %
Linoleic	C18:2	12.0 ~ 35.0 %
Linolenic	C18:3	0.0 ~ 2.0 %

Note: Keep in cool, dark and dry location until use. Shelf life is minimum 2 year in unopened container. Once opened, you should store in air-tight container in a cool location and use remainder quickly due to potential oxidation of the oil (nitrogen capping is recommended).

The above specifications are offered in good faith, and are accurate to the best of our knowledge; however no guarantee or warranties are offered or implied. It is recommended that your own laboratories perform their own analysis to ensure that the product specifications and results meet your specific requirements, and those of your local and national governmental standards.