



Berg+Schmidt
Functional Lipids



BergaCare SB

Shea butter – a natural source of valuable ingredients



BergaCare SB is a natural and ethnical ingredient which can be used for many applications. Its excellent moisturizing effect provides the ability to restore the elasticity of the skin while the content of unsaponifiable matter is significantly higher than that of mango butter or sesame oil, for example. Due to its exceptional healing properties and excellent skin compatibility it can be used beneficially for many formulations such as baby-care products or preparation for the care of dry skin.

BergaCare SB advantages

- **Natural emollient**
- **High content of unsaponifiable matter**
- **Multitude of application**
- **Controlled production for extreme purity and premium quality**
- **Different quality grades available**

Applications

- **Body lotions and body butters**
- **Hand and foot creams**
- **Lip care preparations**
- **Sun protection and after sun products**
- **Hair care products**
- **Luxury soaps**
- **Ointments**
- **Deodorants**

BergaCare Shea Butter: valuable ingredient for body care and cosmetics

BergaCare Shea Butter is extracted from the nut of the shea (karite) tree. This tree, which can reach a height of 15 metres, grows naturally in a vegetation belt about 300 kilometres wide in the central African sub-Saharan zone. The green, edible pulp of the fruit surrounds the valuable kernel, the actual shea nut.

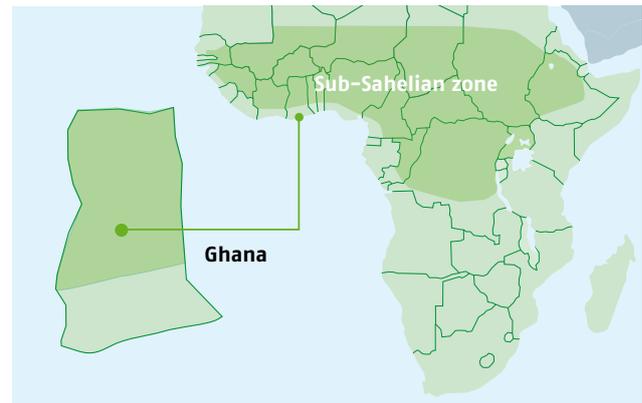
With a fat content of up to 50 percent, shea nuts are the main source of vegetable fat. So the shea tree – also called “butter tree” by the local population – has a special status and is regarded as sacred.

Gentle, controlled production for extreme purity and premium quality

Berg + Schmidt imports this valuable raw material mainly from northern Ghana, the region where shea butter production has its traditional roots. For the women of Ghana, especially, shea butter is more than just a food. The natural product is an important and regular source of income for them, because they are able to harvest the nuts and sell them to the establishments where they are processed.

To make BergaCare Shea Butter the ripe, oily nuts are dried and separated from the outer shells after harvesting. The oil is obtained gently by mechanical extraction, without the use of solvents. Refining is carried out in Europe. With our modern storage facility and technically advanced refinery in Europe we are able to offer reliable and flexible delivery at competitive prices. We market the

extremely pure product, with its excellent cosmetic properties, throughout the world.





The special feature of BergaCare SB: its high percentage of unsaponifiable matter

Unsaponifiable matter (antioxidant properties)	
Terpene alcohols	Protect the skin; healing and disinfectant effects
Phytosterols	Stimulate and regenerate the cells
Cinnamic acid esters	UVB filters; healing and disinfectant properties
Natural vitamins	
Vitamin A (retinol)	Stimulates collagen production; enhances the skin's elasticity and regenerative capacity
Vitamin E (tocopherol)	Delays aging; improves the skin's microcirculation
Vitamin F (linoleic acid)	Regulates the skin's moisture content and strengthens the natural skin barrier

At a minimum of 5 % the content of unsaponifiable matter in BergaCare SB is over three times higher than that of mango butter or sesame oil, for example.

Narrow tolerances in the specification ensure consistent, well-defined quality:

- **Water content <0.2%**
- **Peroxide value <5 meq/kg**
- **Melting range 32 – 35°C**

All the essential properties for a high-class end product

Because of its good miscibility with oils and other nonpolar and medium-polar ingredients, BergaCare Shea Butter integrates readily into almost any formulation.

BergaCare SB contains two long-chain fatty acids that are already familiar to the world of cosmetics for their beneficial properties:

- Oleic acid (40–50 %) has an anti-inflammatory and regenerating effect on skin cells;
- Stearic acid (40–50 %) preserves the skin's residual moisture and flexibility.



The Technology Centre in Ahrensburg near Hamburg

BergaCare SB Qualities

- **Crude and refined shea butter**

Approved according to ECOCERT and COSMOS cosmetics standard

- **Crude and refined shea olein**

- **Organic shea butter**

Certified by ECOCERT Deutschland GmbH (DE-ÖKO-024)

According to regulation (EC) no. 834/2007 and regulation (EC) no. 889/2008

According to National Organic Program (NOP) of the United States Department of Agriculture

Berg + Schmidt: competence and experience

Berg + Schmidt is a member of the owner-managed Stern-Wywiol Gruppe, a group of companies independent of the big organizations, and has been operating in the field of oleochemicals for over 50 years.

The company's work centres on three product lines:

- Basic oleochemical materials
- Fatty-acid esters
- Cosmetics specialities

With BergaCare Shea Butter, Berg + Schmidt offers manufacturers of quality natural products a valuable basic substance for upmarket cosmetic and body care preparations.

Our raw materials are produced using state-of-the-art technology and monitored consistently by our own quality system and audited, independent outside laboratories.