# SHEA BUTTER

**(Butyrospermum Parkii)**

## Identification

<table>
<thead>
<tr>
<th>INCI Name</th>
<th>CAS #</th>
<th>EINECS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butyrospermum Parkii Butter</td>
<td>91080-23-8</td>
<td>293-515-7</td>
</tr>
</tbody>
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## Composition

| Butyrospermum Parkii | 100% |

## Description

Natural fat obtained by pressing shea nuts and refined without the use of solvents, according to the best Italian olive oil tradition.

## Appearance

White to yellowish paste with own weak odour.

## Cosmetic uses and properties

As natural fatty component with excellent emollient effect to prevent and relieve dry skin by holding up water. As natural source of phytosterols and tocopherols with anti-ageing and hydrating effects. In sun products for its strong absorption of UVB radiations and for its anti-irritating properties. As lipidic factor to confer consistence to both O/W and W/O emulsions.

## Available types

- **Product code:** S100010

## Specifications

- **Melting point:** 30-45 °C
- **Saponification number:** 160-200
- **Iodine number:** 55-75
- **Unsaponifiable matter:** 4.0-9.0%
- **Peroxides (mmol O2/kg):** < 5
- **Density (15 °C):** 0.915-0.918
- **Refractive index (40 °C):** 1.462-1.470

## Typical chemical composition

- **Hydrocarbons (**):** 15.0-25.0%
- **Triterpenic alcohols (**):** 50.0-60.0%
- **Sterols (**):** 5.0-10.0%
- **alpha-tocopherols:** 100-200 ppm
- **Acidity (oleic acid%):** < 0.1%
- **Citric acid:** abt. 100 ppm
Water < 0.05%

(*) on the unsaponifiable matter

**Uses and suggested doses**

- O/W consistent emulsions: 2-5%
- O/W fluid emulsions: 1-3%
- W/O consistent emulsions: 3-10%
- Sun products: 3-10%
- Lipsticks: 5-10%
- Soaps and syndets: 1-3%
- Shave products: 2-5%

**Fatty acid % composition**

- Lauric acid (C12:0) < 1.0
- Myristic acid (C14:0) < 1.0
- Palmitic acid (C16:0) 3.0-6.0
- Stearic acid (C18:0) 25.0-45.0
- Cis-oleic acid (C18:1 cis) 40.0-60.0
- Trans-oleic acid (C18:1 trans) < 0.1
- Linoleic acid (C18:2) 3.0-9.0
- Linolenic acid (C18:3) < 1.0
- Arachidonic acid (C20:0) < 2.0
- Eicosenoic acid (C20:1) < 0.5
- Behenic acid (C22:0) < 0.2

**Storage and stability**

Store in well closed containers protected from direct sunlight. Melting of the product during storage can cause slight colour change (white to yellowish). In suitable storage conditions the product is stable for at least one year.

**Non-warranty**

The information and recommendations in this data sheet are to the best of our knowledge reliable. Users should however make their own tests to determine the suitability of this product for their own particular purpose and to avoid the infringement of any patent.