

## Murumuru Butter (deodorized)

### Description

Murumuru Butter (deodorized) is a fat made from the seeds of the spiny Murumuru palm. It's scientific name is *astrocaryum murumuru*. The Murumuru palm is abundant in the Brazilian Amazon Rainforest, growing along the rivers throughout the Amazon River estuary and its tributaries. It is a wild harvested product, grown naturally without any pesticides or fertilizers. As an expression of traditional knowledge and livelihood option for forest communities, the gathering and use of non timber forest products such as seeds, resins and herbs is a key component of sustainable forest management promoting the conservation of the Amazonian Rainforest. The palm grows about several meters high, has pear-shaped fruits and contains yellow flesh, the seeds have a hard skin, they consist of 40 - 45 % of high-quality oils. A palm tree produces up to 12 kg of these fruits per year. Murumuru Butter (deodorized) is rich in saturated compared to unsaturated fatty acids (90/10) mainly lauric, myristic and oleic acid, it also contains vitamins. Due to this composition this butter has a higher melting point (33 °C) compared to others. Murumuru Butter (deodorized) is known to be moisturizing, film forming and softening with a good consistency and a natural gloss. These protective and emollient properties allow a wide range of application in skin and hair care. It is even suitable for oily skin as it was shown that 5 % are non-comedogenic.

### Efficacy

- reduces transepidermal water loss (TEWL)
- restores the natural hydrolipidic layer
- strengthens and protects the skin barrier
- forms a protective film and acts against dry skin
- gives a silky and light skin feel
- can be used as replacement of silicones
- improves shine of hair, softens hair
- cares for dry and chemically treated hair
- helps to prevent external oxidation
- shows anti-microbial properties
- reduces inflammations

### Appearance

white to beige butter

### INCI

*Astrocaryum Murumuru Seed Butter*

### Registration

CAS-No.....356065-49-1

EC-No.....609-150-7

### Preservatives / Stabilizers

none



## Murumuru Butter (deodorized)

### Characteristics

|                             |            |
|-----------------------------|------------|
| melting point.....          | 30 - 35 °C |
| main important fatty acids: |            |
| lauric acid.....            | 40 - 50 %  |
| myristic acid.....          | 28 - 33 %  |
| oleic acid.....             | 5 - 10 %   |
| linoleic acid.....          | 1 - 5 %    |

### Application

high quality cosmetic products  
daily care products  
creams and lotions  
face masks  
butter  
baby care  
sensitive care  
after sun care  
lip care  
hair care  
soap

### Application concentration

|                             |           |
|-----------------------------|-----------|
| skin care formulations..... | 1 - 20 %  |
| soaps.....                  | 1 - 3 %   |
| shampoos.....               | 0.2 - 1 % |

Murumuru Butter (deodorized) can be used up to 100 % concentration.

### Incorporation

Murumuru Butter (deodorized) can easily be incorporated in the oil phase of the formulation. It is not soluble in water.

The recommended temperature is up to 80 °C.

### Toxicology

non hazardous in normal use concentration

### Storage & Shelf life

Murumuru Butter (deodorized) should be stored in sealed containers at a cool, dry and light protected place at 10 - 25 °C.

In closed original containers the shelf life is 24 months.