

## BIOCHEMICA® MACADAMIA BUTTER

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**INCI Name:** Macadamia Ternifolia Seed Oil, Hydrogenated Vegetable Oil

**Product Code:** MAC1

**CAS #:** 128497-20-1, 68334-28-1

**EINECS:** unknown, 269-820-6

**Brand:** Biochemica®

Biochemica® Macadamia Butter is obtained by cold pressing of the seeds of the *Macadamia ternifolia* tree followed by a full refining process to render an oil which is light in color and mild in odor. During the pressing, the natural oil containing essential fatty acids and unsaponifiables as natural waxes/paraffins are collected during the refining and deodorization process, and are blended with hydrogenated vegetable oil to render a consistency suitable for personal care products. Biochemica® Macadamia Butter offers an exceptionally good emolliency and lubricity, while at the same time exhibiting good dermal penetration.

Suggested use levels: lotions & creams 2-5%; hair conditioners 2-5%; balms 5-100%; and bar soaps 2-6%.

### Features & Benefits:

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- Anti-psoriasis active
- Anti-inflammatory Agent
- Anti-oxidant
- Biodegradable
- Dermal Barrier Function Restoration
- Dermal Moisture Content Balancing
- Ecocert
- Emollient
- Hair Conditioning Agent
- Natural Product
- Plant Derived / Vegetal Based
- Skin Hydration Agent
- Skin Protectant

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Appearance	Soft off-white fat
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Saponification Value (mg KOH/g)	175 - 200
Iodine Value (gl <sub>2</sub> /100g)	60 - 80
Acid Value (mg KOH/g)	0 - 2
Peroxide Value (meq/kg)	0 - 5
<b>Insoluble In</b>	Water
<b>Soluble In</b>	Cosmetic Esters Vegetable Oil
<b>Packaging</b>	Pail - 25kgs

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## Regional Approvals:

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- EU
  - US
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## Applications:

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- After Sun Skin Care
- Bar Soaps
- Bath Additives
- Beach Wear Sun Care
- Daily Wear Sun Care
- Facial Skin Care
- Foot Care
- Hair Conditioners
- Hand & Body Care
- Lip Care
- Liquid Handsoaps
- Shampoos
- Shaving Products
- Shower Gels/Body Washes

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