

## BIOCHEMICA® ALMOND BUTTER

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**INCI Name:** Prunus Amygdalus Dulcis (Sweet Almond) Oil, Hydrogenated Vegetable Oil

**Product Code:** AL01

**CAS #:** 90320-37-9, 68334-28-1

**EINECS:** 291-063-5, 269-820-6

**Brand:** Biochemica®

Biochemica® Almond Butter is derived from sweet almonds (*Prunus amygdalus dulcis*), specifically from the Mediterranean area, and is obtained by cold pressing of selected fruit seeds followed by a full refining process. The natural oil contains essential fatty acids, but also contains unsaponifiables as natural waxes/paraffins, which are collected during the refining and deodorization process. The butter is created by blending the almond oil with hydrogenated vegetable oils to produce a soft, light colored butter with mild odor and excellent melting properties suitable for skin care. In cosmetic preparations, the feel and behavior of Biochemica® Almond Butter is somewhat similar to that of Butyrospermum Parkii (Shea) Butter.

Biochemica® Almond Butter exhibits excellent spreadability on the skin, making it ideal as a massage butter or carrier for treatment products. It adds moisturizing attributes to creams, lotions and bar soaps. It may find use in cosmetics, toiletries, soaps, massage oils & balms, hair care and sun care preparations. Suggested use levels in balms: 5 – 100%, bar soaps: 3 – 6%, lotions & creams: 3 – 5% and hair conditioners: 2 – 5%.

### Features & Benefits:

- Biodegradable
- Bodying Agent
- Dermal Moisture Content Balancing
- Emollient
- Lubricant
- Moisturizing Agent
- Plant Derived / Vegetal Based
- Superfatting Agent

Appearance	Soft ivory to greenish solid fat
Odor	Faint vegetable

Melting Range (°C)	44 - 54
Specific Gravity	0.89 (60°C)
Saponification Value (mg KOH/g)	175 - 200
Iodine Value (gI2/100g)	60 - 80
Acid Value (mg KOH/g)	< 2
Peroxide Value (mEq/kg)	10 maximum
Flash Point (°C)	> 260
<b>Insoluble In</b>	Water
<b>Soluble In</b>	Cosmetic Esters (hot) Vegetable Oil (hot)
<b>Packaging</b>	Drum - 180kgs Pail - 25kgs

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## Regional Approvals:

US

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## Applications:

- After Sun Skin Care
- Bar Soaps
- Facial Skin Care
- Foot Care
- Hair Conditioners
- Hand & Body Care
- Massage Products

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