

BIOCHEMICA® HORSETAIL BUTTER

INCI Name: Prunus Amygdalus Dulcis (Sweet Almond) Oil, Hydrogenated Vegetable Oil, Equisetum Arvense Extract

Product Code: HTB1

CAS #: 90320-37-9, 68334-28-1, 71011-23-9

EINECS: 291-063-5, 269-820-6, 275-123-8

Brand: Biochemica®

Horsetail (*Equisetum arvense*) is the last remaining descendant of the giant ferns that covered the earth over 400 million years ago. The plant has an unusual root, shoot, and stem system that enables it to absorb and store silicon and other minerals. A typical horsetail plant can contain up to 15 % vegetal silica. This bio-available silica, when applied topically, can greatly aid in the healing of wounds and burns, and has a softening and smoothing effect on the skin. Mineral rich horsetail contains the building blocks needed for collagen and elastin synthesis, and the silicon present will link any collagen produced, thus greatly enhancing the rebuilding of connective tissues in the epidermis. It also contains flavonoids and saponins which help rebuild and regenerate skin cells.

Biochemica® Horsetail Butter is a proprietary cosmetic butter developed exclusively for cosmetic use. It is actually an extract of *Equisetum arvense* (horsetail) using a proprietary butter base which produces a smooth, velvety butter at room temperature.

Biochemica® Horsetail Butter may be used for cutaneous dryness to assist in moisturization after exposure to sun and other harsh elements.

Features & Benefits:

- Anti-inflammatory Agent
- Anti-oxidant
- Biodegradable
- Bodying Agent
- Dermal Moisture Content Balancing
- Emollient
- Feel Modification/Enhancement
- Hair Cuticle Protection
- Hair Conditioning Agent
- Moisturizing Agent
- Natural Product

- Nonocclusive
- Nonoily
- Plant Derived / Vegetal Based
- Skin Hydration Agent
- Skin Protectant
- Skin Protectant (anti-radical properties)

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|-------------------------|----------------------------------|
| Acid Value (mg KOH/g) | 0 - 2 |
| Appearance | Green soft solid fat |
| Iodine Value (gl2/100g) | 60 - 80 |
| Melting Point (°C) | 40 - 50 |
| Odor | Earthy herbal |
| Peroxide Value (meq/kg) | 0 - 5 |
| Insoluble In | Water |
| Soluble In | Cosmetic Esters Vegetable Oil |
| Packaging | Pail - 25kgs |

Regional Approvals:

US

Applications:

- After Sun Skin Care
 - Bar Soaps
 - Beach 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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