HALLSTAR

BIOCHEMICA® MACADAMIA OIL REFINED

INCI Name: Macadamia Ternifolia Seed Oil
Product Code: AI02
CAS #: 128497-20-1
Brand: Biochemica®

Biochemica® Macadamia Oil Ref 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. This oil offers exceptionally good emolliency, while at the same time exhibiting good dermal penetration. It will not stain clothing, making it an ideal massage or tanning oil. Its use in cosmetics has become more and more important as companies shift away from petroleum-based oils in favor or plant-derived lipids.

Suggested use levels are: Moisturizing serum or massage oil: 100%, lotions and creams: 4 – 10%, balms: 4 – 10%, bar soaps: 2 – 7%, and hair conditioners: 3 – 5%.

Features & Benefits:

- Biodegradable
- Emollient
- Lubricant
- Moisturizing Agent
- Natural Product
- Plant Derived / Vegetal Based

Saponification Value (mg KOH/g)	195
Iodine Value (gI2/100g)	78
Acid Value (mg KOH/g)	1.0 maximum
Unsaponifiables	1.5% maximum
Peroxide Value (mEq/kg)	5 maximum
Specific Gravity	0.915 (50°C)
Refractive Index (20°C)	1.468
Required HLB	11.0
Dielectric Constant (25°C)	3.12

Insoluble In	Water
Soluble In	Cosmetic Esters Vegetable Oil
Solvency Of	Avobenzone (4%)
Packaging	Drum - 185, 200kgs Pail - 25, 27kgs

Regional Approvals:

- EU
- US

Applications:

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

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