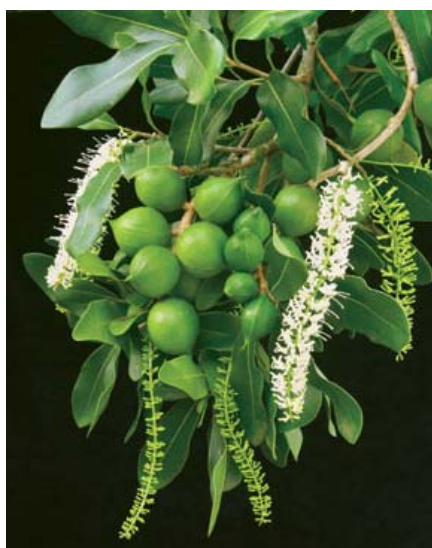


# MACADAMIA NUT OIL ORGANIC

## PRODUCT DATA SHEET



**MACADAMIA NUT** tree is native to eastern Australia and Indonesia, growing in rain forests, in moist places and along stream banks.

**MACADAMIA NUT OIL ORGANIC** is a specific vegetable oil due to its high content in Palmitoleic acid, a monounsaturated fatty acid that avoids oxidation and fits with fatty content on skin's fatty composition.

**MACADAMIA NUT OIL ORGANIC** exhibits a long shelf life and good resistance to rancidity due to the low content of polyunsaturated fatty acids.

**MACADAMIA NUT OIL ORGANIC** applies easily and offers deep penetration. Macadamia nut oil contains about 80% of monounsaturated fatty acids and a higher percentage of Palmitoleic acid than any other vegetable oils. The high content on Palmitoleic acid does not occur in any other plant oil. **MACADAMIA NUT OIL ORGANIC** restores dry, dehydrated, and mature skin.

### TECHNICAL DATA

<b>Appearance:</b>	Clear pale yellow oily liquid
<b>Acidity index:</b>	≤ 2.0 mg KOH/g oil
<b>Peroxide value:</b>	≤ 10.0 meq O <sub>2</sub> /Kg oil
<b>Relative density:</b>	0.909 - 0.915 g/ml

Fatty Acid	Composition
Oleic acid	53 - 67 %
Palmitoleic acid	16 - 24 %
Palmitic acid	7 - 10 %
Stearic acid	2 - 4 %

# MACADAMIA NUT OIL ORGANIC

## APPLICATION



**MACADAMIA NUT OIL ORGANIC** may be directly applied to the skin and hair. It may also be easily incorporated as an active ingredient or an excellent carrier in skin and hair care products. The recommended dosage is between 3 to 10%.

**MACADAMIA NUT OIL ORGANIC** is suitable for all kinds of cosmetic products from rinse-off to leave-on. It is helpful in cases of sunburn and wound healing.

**MACADAMIA NUT OIL ORGANIC** can also be directly used as massage oil. Should be kept in a cool place or refrigerated and tightly closed.

**INCI Name:** Macadamia Ternifolia Seed Oil.

**Organic certification by:** Consell Català de Producció Agrària Ecològica.



**MACADAMIA NUT OIL ORGANIC****CODE** 008172      **SPECIFICATION**      **Nº** 00817201

<b>PARAMETERS</b>	<b>SPECIFICATIONS</b>	<b>EDITION - 24/10/2008</b>
Description	Clear pale yellow oily liquid, with characteristic bland taste and odour.	
Acidity Index	< 5.0 mg KOH/g	
Peroxides value	< 10 meq/Kg	
Relative density (20°C)	0.909 - 0.915	
<b>CHROMATOGRAPHY</b>		
Myristic	max. 1.5 %	
Palmitic	7 - 10 %	
Palmitoleic	16 - 24 %	
Stearic	2 - 4 %	
Oleic	53 - 67 %	
Linoleic	1.5 - 4.5 %	
Linolenic	max. 0.5 %	
Arachidic	1.5 - 3 %	
Gadoleic	1.5 - 3 %	
Behenic	max. 1 %	
Erucic	max. 1 %	
Lignoceric	max. 0.5 %	

**PACKING****REMARKS**

Keep full and well closed in a dry place and away from light.