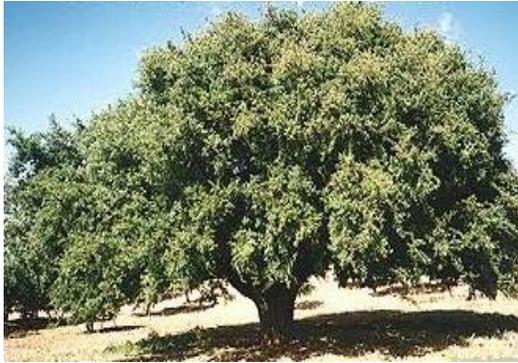


# ARGAN OIL VIRGIN

## PRODUCT DATA SHEET



**ARGAN OIL VIRGIN**, 100% natural, is extracted from the oleaginous almond of the Argan tree. It is a cold-pressed virgin vegetable oil.

Its biochemical components are all considered for their beneficial effects on health.

**ARGAN OIL VIRGIN** is rich in essential unsaturated fatty acids like Oleic and Linoleic. Its biochemical analysis can be compared with that of Olive Oil; however, Argan Oil is richer in Linoleic (Omega 6) and Tocopherol which are the most important features. Essential fatty acids have a very important biological roll in help to avoid early ageing and the loss of skin elasticity.

Linoleic Fatty Acid is one of the most wanted polyunsaturated essential fatty acids. It represents one third of the total composition of Argan virgin oil.

Tocopherols, including Vitamin E ( $\alpha$ -tocopherol), are the second most important components of **ARGAN OIL VIRGIN**: 620 mg/kg (against 320 mg/kg for Olive oil).

Vitamin E also may delay the cellular ageing by its action on the reduction of the membrane susceptibility against oxidation.

### TECHNICAL DATA

<b>Appearance:</b>	Clear yellow oily liquid
<b>Density at 20°C:</b>	0.905 - 0.925 g/ml
<b>Acid index:</b>	$\leq 1.0$ mg KOH/g oil
<b>Peroxide index:</b>	$\leq 1.5$ meq O <sub>2</sub> /Kg oil
<b>Refractive index:</b>	1.460 - 1.480

# ARGAN OIL VIRGIN

**ARGAN OIL VIRGIN** has several compounds that preserve the skin, such as Sterols (1500 - 1800 mg/Kg), Triterpene Alcohols (1300 - 1800 mg/Kg), Carotenes (2800 - 3200 mg/Kg) or Polyphenols (50 - 60 mg/Kg) in higher proportions than other oils. These compounds are natural antioxidants and preservatives.



## PROPERTIES

Well known for its traditional cosmetic and pharmaceutical properties, **ARGAN OIL VIRGIN** has already seduced important laboratories who are now introducing this oil in its natural and also modified forms, in their range of care products for dehydrated and dry skins.

**ARGAN OIL VIRGIN** shows excellent skin protective effects, softening and anti-drying properties.

**ARGAN OIL VIRGIN** has revitalizing virtues and improves the skin flexibility. The moisturizing and restructuring effects are due to the high content and special composition of the unsaturated fatty acids and its unique natural content of physiological active minor components described above.

## APPLICATION

Products for damaged and aged skin  
Moisturizing hand creams  
Body milks  
Regenerative and ant wrinkle creams for around the eyes  
Hand creams  
Revitalizing skin care creams

**INCI Name:** Argania spinosa kernel oil

**ARGAN OIL VIRGIN****CODE** 008121      **SPECIFICATION**      **Nº** 00812105

<b>PARAMETERS</b>	<b>SPECIFICATIONS</b>	<b>EDITION - 02/08/2006</b>
Solubility	Insoluble in water. Slightly soluble in ethanol 90%. Soluble in chloroform and hexane.	
Acidity (expressed in % of Oleic Acid)	max. 1	
Peroxide Value	0.3 - 1.5 meq/kg	
Refractive Index	1.460-1.480	
<b>CHROMATOGRAPHY</b>	<b>FATTY ACID FRACTION:</b>	
Palmitic	12.0 - 16.0 %	
Stearic	5.0 - 6.0 %	
Oleic	40.0 - 48.0 %	
Linoleic	30.0 - 38.0 %	
Linolenic	Max. 0.6 %	
K268	max. 1	
K274	max. 1	
K262	max. 1	
K232	max. 2	

**PACKING****REMARKS**

KEEP FULL AND WELL CLOSED IN A DRY PLACE AND AWAY FROM LIGHT.