



1203 HALL AVENUE ▪ RIVERSIDE ▪ CALIFORNIA ▪ 92509  
T: 1(800) 988-OILS (951) 823-8490 ▪ F: (951) 823-8491

## **ARGAN OIL** **MATERIAL SPECIFICATIONS**

**PRODUCT DESCRIPTION:** Argan oil is produced from the seeds of the Argan-, Ardjan- or iron tree (*Argania spinosa* L. Skeel, Sapotaceae family). The Argan tree is indigenous exclusively to Morocco. Traditionally Argan oil is produced manually and has an intensive taste and odor.

<b><u>PROPERTIES</u></b>	<b><u>SPECIFICATIONS</u></b>
Density	0,914 - 0,917
Refractive Index at (20°C)	1,468 -1,473
Acid value	max. 4
Iodine value	95 -105
Saponification value	187 -197

### **FATTY ACID COMPOSITIONS:**

Saturated fatty acids	<C16:0	max. 0,5%
Palmitic acid	C16:0	10 - 15%
Stearic acid	C18:0	3 - 8%
Oleic acid	C18:1	38 - 48%
Linoleic acid	C18:2	30 - 40%
Linolenic acid	C18:3	max. 5%
Arachidic acid	C20:0	max. 1%
Gadoleic acid	C20:1	max. 1%
Others		ca. 2%

**SHELF LIFE:** 15 Months

**STORAGE:** Light protected, not above room temperature, in tightly sealed containers (nitrogen blanketed).

**USAGE:** Argan oil is used in skin care products and in the local Moroccan food industry. The oil is rich in tocopherols and is also used in hand creams. Argan oil is said to have soothing positive influences on acne, skin allergies and burnings. version 03/02 (substitutes 10/99)

This specification was developed with utmost care based on up-to-date information available, but should also be scrutinized by the recipient. It does not release him from checking the quality of goods delivered with proper diligence.

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