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## **WALNUT OIL, REFINED** **MATERIAL SPECIFICATIONS**

**PRODUCT DESCRIPTION:** Walnut Oil is obtained from the unshelled kernels (nuts) of the walnut tree (*Juglans Regia*) by pressing/extraction. Subsequent refining (deacidification, bleaching, winterization, deodorization) leaves an oil of pale-yellow colour and slight nutty taste. The walnut tree is cultivated in all temperate zones of the world. Main exporting countries are France, Turkey, the USA and recently also China.

### **PROPERTIES**

Density (20° C)	0,921 - 0,925
Refractive index (20° C)	1,475 - 1,480
Acid value	max. 0,6
Iodine value	138 - 162
Saponification value	188 - 196

### **SPECIFICATIONS**

### **FATTY ACID COMPOSITION**

Palmitic acid	C 16:0	6 - 8%
Stearic acid	C 18:0	1 - 3%
Oleic acid	C 18:1	14 - 23%
Linoleic acid	C 18:2	50 - 65%
Linolenic acid	C 18:3	9 - 15%
Others		max. 2 %

**SHELF LIFE:** 18 Months

**STORAGE:** Protect from direct sunlight; not above room temperature; in tightly sealed containers (nitrogen blanketing is of advantage). Open containers should be used within 3-8 weeks.

**USAGE:** Walnut Oil is a very popular, light edible oil. It is also used in the cosmetics industry and based on the drying properties also in the production of paint.

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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