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AVOCADO OIL, REFINED **MATERIAL SPECIFICATIONS**

PRODUCT DESCRIPTION: The fatty Avocado Oil is obtained by pure mechanical pressing from the fruit pulp of the ripe Avocado pear (*Persea Americana*, resp. *Persea Gratissima*). The pressed oil is of green to reddish-brown color. The subsequent refining considerably reduces the free fatty acids, and a light yellow, practically odorless oil is obtained. The cold filtration (winterization) can improve the cold stability (turbidity) at certain temperatures. The main cultivation areas of the avocado tree are California, Mexico, south Africa and Israel. But today it is also grown in Central Africa and in South America.

PROPERTIES

Density at 20°C	0,912 - 0,923
Refractive Index at 20° C	1,468 - 1,476
Acid value	max. 1
Iodine value	80 - 95
Saponification value	187 - 195
Unsaponifiable Matte	max. 2,0%

TYPICAL ANALYSIS

FATTY ACID COMPOSITION

Saturated fatty acids	C16:0	max.2%
Palmitic acid	C16:0	5 - 25%
Palmitoleic acid	C16:1	1 -12%
Stearic acid	C18:0	max.3%
Oleic	C18:1	50 - 74%
Linoleic acid	C18:2	6 -20%
Linolenic acid	C18:3	max. 3%
Other fatty acids		max. 1%

Shelf Life: 15 Months

Storage: Best stored in full containers, nitrogen blanketed, light protected and not above room temperature. Once open, to be stored at a cool place, nitrogen blanketed and to be used within 3 to 8 weeks, depending on the quality needed.

Usage: The unsaponifiable matter is composed of linear hydrocarbons, squalene, and phytosterols said to have cosmetic effects (e.g. great spreadability). Mild and skin softening, Avocado Oil is one of the major bases for many cosmetic skin and body care products (bath lotions, skin moisturizers, creams, soaps etc.).

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

Product: AVOCADO OIL, Refined