

## AVOCADO OIL Refined

INCI CTFA : Persea gratissima (Avocado) oil  
 European INCI : Persea Gratissima Oil  
 CAS : 8024-32-6  
 EINECS : 232-428-0

### APPLICATIONS

Avocado oil is used in shampoos for babies and for damaged hair. It is also recommended for skin and body care. Avocado oil is used in nourishing creams for damaged, dry and sensitive skins. It is entirely suitable for baby skin. It is effective in sun products thanks to its protective action. It is also found in massage oils and products for around the eyes.

### BOTANY

The avocado tree belongs to the Lauraceae family and comes from Central America and the West Indies. It was brought to Europe by Cortez who was given it as a present from the Aztecs. Nowadays it is grown in California and in Florida, in South Africa and in Israel. The name avocado comes from a corruption of the Aztec name "ahua guatl". The avocado tree may reach between 5 and 15 meters high and its trunk is covered with a brown coloured cracked bark. Its leaves are persisting, oval, bright green at the adult stage and red coloured at the growing stage. Flowers are small, hermaphrodite, white-green coloured and clustered in axillary or end bunches. The avocado fruit is a piriform or globular berry, green or brown-violet in colour. It is fleshy and soft and contains in its centre a stone which may be 4 to 7 cm long. The pulp is yellow-green coloured, smells of hazelnut and is rich in fats. Approximately 15 to 30% oil is obtained from the pulp.

### PROPERTIES

Because of its richness in vitamins A, E and B and in unsaponifiable compounds and the lecithin it contains, which is essential for the skin, avocado oil has hydrating and regenerating properties. It is therefore used in anti-ageing and anti-wrinkle products. It repairs dry skin and renders elasticity to the skin. It protects the face against external aggressions such as wind, cold or sunlight and relieves itching and burns. When applied to dry hair it revitalises it and makes it shiny; it plays a role by stimulating hair growth. Its content in unsaponifiable compounds gives its toning, softening and restructuring properties for the epidermis. Its rich content in phytosterols eases skin penetration and therefore leaves no oily sensation. Avocado oil is effective against parasites and eczema and cares for some forms of rheumatism.

### TECHNICAL CHARACTERISTICS

**DENSITY AT 20°C :** 0,910 - 0,920  
**OLEIC ACIDITY :** Max 1%  
**REFRACTIVE INDEX :** 1,460-1,470

**COLOUR :** light yellow  
**ODOUR :** slight

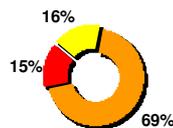
### AVERAGE FATTY ACID COMPOSITION

#### Saturated fatty acids

Palmitic Acid C16 :0 5,0 - 25,0%  
 Stearic Acid C18 :0 < 3,0%

#### Unsaturated Fatty Acids

Palmitoleic Acid C16 : 1 n-7 0,1 - 13,0%  
 Oleic Acid C18 : 1 n-9 50,0 - 75,0%  
 Linoleic Acid C18 : 2 n-6 5,0 - 20,0%  
 Linolenic Acid C18 : 3 n-3 < 5,0%



■ Saturated Fatty Acid (Cx:0)  
 ■ Monounsaturated Fatty Acid (Cy:1)  
 ■ Polyunsaturated Fatty Acid (Cz:2 et 3)

### PRODUCTION AND STORAGE CONDITIONS

**MANUFACTURING PROCESS :** Oil demucilaged, neutralized, dried and decolourized using physical and chemical treatments.

#### **STORAGE :**

**Before opening:** -keep away from light, heat (T<20°C) and in a dry place.  
**After opening:** -keep the product in the original packaging away from light, heat (T<20°C) and in a dry place  
 -inert with 0.5 to 1L of gas (ex: nitrogen)/L of packaging,  
 -close quickly after using (t opening<15min).

#### **PACKAGING :**

4,6kg, 23kg Jerry cans and 200 kg drums.