



# Alfrink Cosmetic Ingredients

technical data sheet golden jojoba oil

## Specifications

INCI NAME	Simmondsia Chinesis (jojoba) Seeds Oil
COMMERCIAL NAME	Jojoba Golden Oil (R)
DESCRIPTION	Virgin Oil obtained from Jojoba Seeds, with no additives.
EXTRACTION METHOD	Produced by cold press of Jojoba Seeds.
APPEARANCE	Yellow clear oil, very light odor (faint characteristic).
COUNTRY OF ORIGIN	ISRAEL
SHELF LIFE	3 years

## Applications

Jojoba oil is a natural moisturizer and used in most cosmetic properties including shampoos, anti-aging creams, hand creams, after shave creams, sun creams and lotions, lipsticks and glosses.

## Origin

Jojoba originates from Central America and belongs to the Buxaceae family, The name Jojoba comes from "chohobba", the Mexican word describing a beverage containing extracts of the plant used by Indian witchdoctors to predict harvests. Jojoba has an important re-forestation action. It is grown in semi-arid areas in many countries (Mexico, Argentina, USA, Israel etc.). It can reach 5 m in height and its blue-green leaves have a thick cuticle. The fruit is a capsule which seed contains up to 60% oil. Jojoba oil is a liquid wax formed from fatty alcohols (C20 and C22), and fatty acids (C18, C20, C22), mostly monounsaturated. To obtain virgin organic jojoba oil, the plants are grown using organic farming methods. They protect the environment by respecting biological cycles and by refusing pesticides and synthetic fertilizers.

## Properties

Jojoba oil has an emollient effect. It gives the skin elasticity, particularly during exposure to sunlight. The components of Jojoba oil are similar to the skin protective film and thus penetrate well through the superficial layers of the epidermis and help maintain the lipid film. Jojoba oil also combats acne and minimizes the production of sebum by the scalp. It strengthens hair growth. Jojoba oil is an anti-wrinkle and anti-aging substance and in bath products, it promotes well-being and nourishes the skin. Finally, Jojoba oil improves the duration of action of sun filters, promoting their adherence to the surface of the skin.

Alfrink Cosmetic Ingredients  
Postbus 144, 5692 HD Son & Breugel  
+31652074060  
[info@a-cosmeticingredients.com](mailto:info@a-cosmeticingredients.com)  
[www.a-cosmeticingredients.com](http://www.a-cosmeticingredients.com)



# Alfrink Cosmetic Ingredients

## Specifications

<b>Chemical and Physical Properties</b>	<b>Specification</b>
Specific Gravity	0.863-0.873
Moisture and Insoluble Impurities	MAX 0.1%
Acid Value	MAX 1.0
Peroxide Values	MAX 2.0
Saponification Value	85.0-98.0
Unsaponifiable Matter	45.0-55.0
Iodine Value	80.0-92.0
Color Gardner	MAX 8.0
Refractive Index	1.465-1.467
Microbial Total Contamination CFU	MAX 50/1 gr
Pesticides Residues	None

<b>Fatty Acid Composition</b>	<b>Specification</b>
C20:1 Gadoleic Acid	60.0-80.0%
C22:1 Erucic Acid	10-20%
C18:1 Oleic Acid	5.0-15.0%
C24:1 Nervonic Acid	MAX 3.0%
Other Fatty Acids	MAX 3.0%
C16:0 Palmitic Acid	MAX 3.0%
C16:1 Palmitoleic Acid	MAX 1.0%
C22:0 Behenic Acid	MAX 1.0%



## Alfrink Cosmetic Ingredients

Contaminants	Specification
Benzo(a)pyrene	2.0 µg/kg HPLC
Dioxins (WHO-PCDD/F-TEQ)	0.75 ng/kg fat GC-HRMS
PCB's no's 28 52 101 138 153 180	1.0 µg/kg GC-ECD
Pesticides	MRL µg/kg GC-ECD

Heavy metals	Specification
Arsenic	<0.1ppm
Cadmium	<0.1ppm
Lead	<0.1ppm
Mercury	<0.01ppm