

# THE JOJOBA OIL

Company

## JOJOBA GOLD ORGANIC Jojoba Seed Oil Organic (100%)



### Product Specification

ORGANIC products are certified by **IFOAM** (International Federation of Organic Agriculture Movements) and USDA United States Department of Agriculture National Organic Program. Our organic production also fulfils Japanese standards (JAS).

**INCI Name:** *Simmondsia chinensis* Seed Oil  
**CTFA Name:** *Simmondsia Chinensis* (Jojoba) Seed oil  
**Other Names:** Buxus Chinensis Oil  
**CAS No:** 61789-91-1 (US), 90045-98-0 (EU)  
**EC No:** 289-964-3

**Description:** **JOJOBA GOLD ORGANIC** cold pressed Jojoba Oil, is the oil pressed from organic certified seeds of the desert shrub Jojoba (*Simmondsia chinensis*). The **ingredients of this product are 100% Jojoba Oil**. It is used in cosmetic products at concentrations ranging from 0.1 to 99%.

**Chemical and physical properties:** Jojoba oil is composed almost completely (97%) of wax esters of monounsaturated, long-chained fatty acids and alcohols with high-molecular weights (C16-26). These wax esters are principally (83%) compounds of C20 and C22 unsaturated acids and alcohols. Total free acids (C16 to C24) and total alcohols (C16 to C26) each account for 1% of the composition of Jojoba Oil. Mixed tocopherols and free sterols (< 0.5%) are also present.

Jojoba oil is not easily oxidized and remains chemically unchanged for years (CTFA).

**Appearance:** Liquid wax of transparent aspect and golden colour at a temperature higher than 10.6°C, below that temperature haze and opacity may appear due to the solidification of the phospholipids. Below 7°C the product becomes totally solid.

Parameter, Unit	Specification Range	Method
Specific Gravity (25°C, kg/L)	0.860-0.870	AOCS Cc 10A-25
Refractive Index ( $n_D$ at 40°C)	1.450-1.470	AOCS Cc 7-25
Acid Value (mg KOH/g)	1.0 max	AOCS Ci 4-91
Peroxide Value (meq/kg)	2.0 max	AOCS Cd 8-53
Iodine Value (g/100g)	80-90	AOCS Cd 1d-92
Saponification Value (mg KOH/g)	88-96	AOCS Cd 3-25
Colour Gardner	9 max.	AOCS Td 1a-64
Total plate count (cfu/g)	< 100	BAM-FDA

Function: Skin and hair conditioning, moisturizer, emollient Retest Date: Two years from manufacturing date

Storage: Stored between 5°C and 35°C in the original sealed containers. Keep away from direct sunlight.

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