

THE JOJOBA OIL

Company

JOJOBA LITE ORGANIC Jojoba Seed Oil (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 Name: Buxus Chinensis Oil
CAS No: 61789-91-1 (US), 90045-98-0 (EU)
EC No: 289-964-3

Description: **JOJOBA OIL LITE ORGANIC**, a typical expeller cold pressed Jojoba Oil from organic certified seeds and carefully physically bleached. The ingredients of this product are 100% Jojoba Seed Oil. This quality jojoba oil is most often used in cosmetic applications void of colour.

Chemical and physical properties: Jojoba oil is composed almost completely (97%) of wax esters of monounsaturated, long-chained linear fatty acids and alcohols with high molecular weights (C_{16-26}). These wax esters exist principally (83%) as combinations of C_{20} and C_{22} unsaturated acids and alcohols. Mixed tocopherols and free sterols (<0.5%) are also present. Jojoba oil is not easily oxidized and remains chemically unchanged for years (CTFA).

Appearance: Colourless liquid wax of transparent aspect 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	1.0 max	AOCS Td 1a-64
Total plate count (cfu/g)	< 100	BAM-FDA

Function: Skin and hair conditioning, moisturizer, emollient, texturizer
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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