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Technical Data Sheet
 JOJOBA OIL
 VIRGIN
 Organic Certified
 QMR-TDS-SCO_Vir_org



**Certified as 100% organic by Ecocert Greenlife
 according to COSMOS standard available at <http://COSMOS.ecocert.com>**

Organic Jojoba Oil free from antioxidants, artificial colorings, flavorings, foreign matter, preservatives, solvents or stabilizers.	
Ingredients	Jojoba (<i>Simmondsia chinensis</i>) Seeds
INCI	<i>Simmondsia chinensis</i> Seed Oil
CTFA	Simmondsia Chinensis (Jojoba) Seed oil
Other Names	Buxus Chinensis Oil
CAS #	61789-91-1 (US), 90045-98-0 (EU)
EC #	289-964-3
JCIC	520987
TARIC	15159011

REGULATION

The product corresponds to the requirements of:

- Council Regulation (EC) No 834/2007 of 28 June 2007 on organic production and labelling of organic products and repealing Regulation (EEC) No 2092/91.
- Commission Regulation (EC) No 889/2008 of 5 September 2008 laying down detailed rules for the implementation of Council Regulation (EC) No 834/2007 on organic production and labelling of organic products with regard to organic production, labelling and control.
- Commission Regulation (EC) No 1235/2008 of 8 December 2008 laying down detailed rules for implementation of Council Regulation (EC) No 834/2007 as regards the arrangements for imports of organic products from third countries.
- Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products.

PROPERTIES AND APPLICATIONS

Agriculture	Broad-spectrum oily solvent of agricultural inputs.	
Cosmetic industry	Ingredient in skin- and hair care products.	
	Emollient	Softens and smooths the skin.
	Hair conditioning	Leaves the hair easy to comb, supple, soft and shiny and/or imparts volume, lightness, gloss, etc.
	Skin conditioning	Maintains the skin in good condition.
Food	Protective coating of fruits.	
Industrial	Additive in lubricants, ingredient in car- and furniture polishes, shoe wax, etc.	
Pharmaceuticals	Coating on medical preparations, for sunburned and inflamed skin.	

CHEMICAL AND PHYSICAL PROPERTIES

Jojoba oil is a wax and 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 very resistant to oxidation and remains chemically unchanged for years (CTFA).

APPEARANCE/Form/ODOUR

At temperatures > 10.6°, liquid wax of transparent aspect and golden colour. Below this temperature, haze and opacity may appear due to the solidification of the phospholipids. Below 7°C, the product becomes a solid wax. At

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Q'omer BioActive Ingredients. Sociedad Limitada. Inscrita en el tomo 9703, folio 63, inscripción 1 con hoja V-156462 del Registro Mercantil de Valencia – España
 NIF B-98583354 | RGSEAA 40.053273/V | Reg. Importadores 46/1/00788

higher temperatures, the solid wax becomes liquid again. This process has no influence on the quality of the product. Light odour of fatty oil.			
PYSICOCHEMICAL		MICROBIOLOGY	
Acid Value	≤ 1,0 mg KOH /g	Total plate count (cfu/g)	≤ 100 cfu/g
Peroxide Value	≤ 2,0 meq / Kg		
Iodine Value	80 - 90 g / 100g		
Saponification Value	88 – 96 mg KOH / g		
Refractive Index	1,450 – 1,470 ND 40°C		
Specific Gravity	0,860 – 0,870 Kg/l (25°C)		
Colour	<9 Gardner		
FATTY ACIDS			
C16: 0 Palmitic Acid	< 3,0%		
C16:1 Palmitoleic Acid	<1,0 %		
C18: 1 Oleic Acid	5,0 – 15,0 %		
C20: 1 Gadoleic Acid	65,0 – 80,0 %		
C22: 0 Behenic Acid	< 1,0 %		
C22: 1 Erucic Acid	10,0 – 20,0 %		
C24: 1 Nervonic Acid	< 3,0 %		
Others	< 3,0 %		
ALLERGENS			
According to Regulation (EU) N° 1169/2011 on the provision of food information to consumers (ANNEX II)			
- Cereals containing gluten ¹ and products thereof	- Nuts and nut products ²		
- Crustaceans and products thereof	- Celery and products thereof		
- Eggs and products thereof	- Mustard and products thereof		
- Fish and products thereof	- Sesame seeds and products thereof		
- Peanuts and products thereof	- Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre in terms of total SO ₂		
- Soybeans and products thereof	- Lupin and products thereof		
- Milk and products thereof (including lactose)	- Molluscs and products thereof		
+ Presence / - Absence / PT Possible Traces			
(1) Wheat, rye, barley, oats, spelt, kamut or their hybridised strains.			
(2) Almonds (<i>Amygdalus communis L.</i>), hazelnuts (<i>Corylus avellana</i>), walnuts (<i>Juglans regia</i>), cashews (<i>Anacardium occidentale</i>), pecan nuts (<i>Carya illinoensis</i> (Wangenh.) K. Koch), Brazil nuts (<i>Bertholletia excelsa</i>), pistachio nuts (<i>Pistacia vera</i>), macadamia or Queensland nuts (<i>Macadamia ternifolia</i>).			
HANDLING			
Packaging	25Kg plastic drums.		
Storage	Store in a cool, dry place between 5°C and 35°C, in original sealed packaging away from sources of light, heat or air. Once opened, use quickly. After use, close the packaging tightly to prevent spoilage.		
Shelf Life	At least 24 months under the above storage conditions.		
ADDITIONAL			
The product is GMO free and therefore not subject to the requirements of regulation (EC) 1829/2003 and regulation (EC) 1830/2003. No irradiated materials were used; the product itself was not irradiated. Jojoba Oil is of pure vegetable origin and does not get in contact with any animal material during manufacturing, storage and transportation.			

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