

ORGANIC JOJOBA OIL

PRODUCT DATA SHEET



The **JOJOBA** plant is original of the Sonoran Desert. From its bean, a golden, odourless, non-allergic liquid wax is produced that is known as **JOJOBA OIL**.

ORGANIC JOJOBA OIL is very similar in composition to the human natural skin oils. It is an excellent moisturizer and is ideal for all skin types without promoting acne or any other skin problems.

ORGANIC JOJOBA OIL helps to heal irritated skin conditions such as psoriasis or any form of dermatitis and helps control acne and oily scalps.

ORGANIC JOJOBA OIL contains myristic acid which has anti-inflammatory actions. Since it is similar in composition to the skin's own oils, it is quickly absorbed and is excellent for dry and mature skins, as well as inflamed conditions. It also has antioxidant properties.

ORGANIC JOJOBA OIL applies easily, offers deep penetration and significant moisture retention together with high nourishing properties.

ORGANIC JOJOBA OIL restores dry, dehydrated, and mature skin. Since it has antioxidant properties, it can prevent other oils from going rancid.

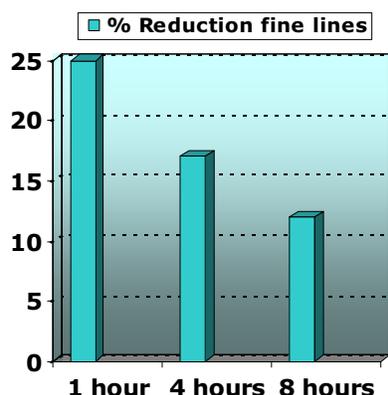
TECHNICAL DATA

Appearance:	Clear bright pale yellow oily liquid
Acidity index:	≤ 1.0 mg KOH/g oil
Peroxide value:	≤ 5.0 meq O ₂ /Kg oil
Unsaponifiable matter:	49 - 53 %
Specific gravity (25°C):	0.863 - 0.873 g/cm ³
Extraction method:	Cold pressed

Since it is composed of wax esters, **JOJOBA OIL** is an extremely stable substance and does not easily deteriorate or become rancid. These wax esters are formed by long-chained monohydroxyl alcohols and fatty acids, which differ from fats in that the esters are long-chained fatty acids with glycerine.

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In dermatological tests done by Christensen and Packman using **JOJOBA OIL**, it was shown that jojoba oil increases the skin's suppleness by 45% and after 8 hours the effect was still present.



It was also found that **JOJOBA OIL** softens and smoothes the skin with fine line reduction (see graphic).

JOJOBA OIL also has great anti-bacterial properties. Professor Zille of Port Elizabeth University carried out studies on the anti-bacterial effects of **JOJOBA OIL**.

Tests at Michigan University showed that five of the most common skin bacteria plus certain skin fungi could not survive in **JOJOBA OIL**.

APPLICATION



ORGANIC JOJOBA OIL is suitable for all kinds of cosmetic products from rinse-off to leave-on. Its high content in unsaponifiables makes it an excellent component to soothe and restore elasticity to any dry skin area.

ORGANIC JOJOBA OIL may be applied directly to the skin and hair. It may also be easily incorporated as an active ingredient or an excellent carrier in skin and hair care products. The recommended dosage is between 3 to 10%.

ORGANIC JOJOBA OIL can also be used directly as massage oil. It may also be used combined with other vegetable oils. It should be kept in a cool place.

INCI Name: Simmondsia Chinensis (Jojoba) Seed Oil.



¹Christensen, M.S. and E.W. Packman, Skin Surface Softening Effects of Jojoba and Its Derivatives, Proceedings from the Seventh International Conference on Jojoba and Its Uses, American Oil Chemists' Society, Champaign, IL, 1988.

JOJOBA OIL ORGANIC**CODE** 008193 **SPECIFICATION** **Nº** 00819301

PARAMETERS	SPECIFICATIONS	EDITION - 25/07/2005
Peroxide value	< 5 meq. O ₂ /Kg	
Acid value	< 1 mg KOH / g oil	
Iodine value	78 - 85	
Saponification value	88 - 95	
Refractive index	1.465 - 1.467	
Specific Gravity (25°C)	0.863 - 0.873 g/cm ³	
FATTY ACID COMPOSITION (%)		
C18:1 Oleic	5 - 15 %	
C20:1 Gadoleic	65 - 80%	
C22:1 Erucic	10 - 20 %	
WAX ESTER FRACTION:		
C36	max. 2 %	
C38	max. 10 %	
C40	27 - 37 %	
C42	45 - 56 %	
C44	max. 13 %	
C46	max. 2 %	

PACKING

180 KG DRUMS

REMARKS

KEEP FULL AND WELL CLOSED IN A DRY PLACE AND AWAY FROM LIGHT