

EVOIL[®] JOJOBA

PRODUCT DATA SHEET



EVOIL[®] JOJOBA is a Refined Vegetable Oil that improves the intrinsic properties of Jojoba Oil creating a more functional vegetable oil. It keeps the benefits of Jojoba Oil and the physical characteristics have been improved resulting in minimal colour level, a virtually odourless vegetable oil and a better penetrability.

EVOIL[®] JOJOBA exhibits quicker penetrability into skin compared to Jojoba Oil.

EVOIL[®] JOJOBA offers, at the same time, ease of spreading and significant moisture retention combined with its high nourishing properties.

EVOIL[®] JOJOBA is an ideal ingredient that is easily incorporated in all kinds of cosmetics from rinse-off to leave-on products.

TECHNICAL DATA

Appearance:	Oily liquid, yellow pale with minimum odour
Acidity index:	≤ 1.00 mg/KOH g
Saponification value:	130 - 140
Specific gravity:	0.889 - 0.895g/ml

APPLICATION

EVOIL[®] JOJOBA may be applied directly to the skin and hair. It may also be easily incorporated as an active ingredient or an ideal carrier in skin and hair care products. Recommended dosage is between 3 to 10 %.

EVOIL[®] JOJOBA can also be used directly as massage oil.

EVOIL[®] JOJOBA

OIL STABILITY INDEX (OSI)

The Oil Stability Index (OSI) was determined using a Rancimat instrument. The rapidity of oxidation of an oil depends on the degree of unsaturation, the presence of antioxidants, and prior storage conditions. In the OSI analysis, the rate of oxidation is slow until resistance to oxidation is overcome. This time is known as the oxidation induction period and it is a tool to determine the useful life of the oil.

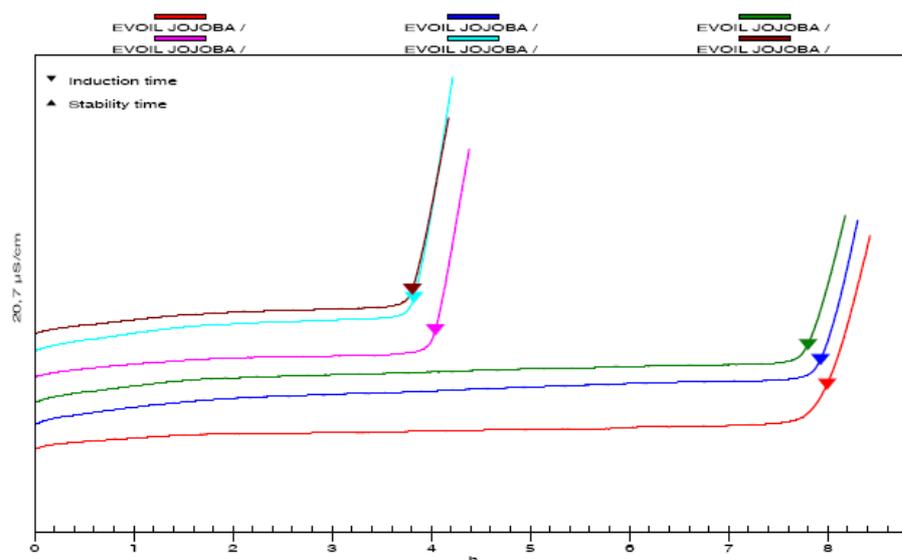
EVOIL[®] JOJOBA OSI: 8.0 hours (130 °C)

ISO 6886 (1996) Animal and vegetable fats and oils
Determination of oxidation stability

Conditions

Sample amount 2.5 ± 0.01 g
Gas flow 20 L/h
Evaluation Conductivity

Temperature $100^{\circ}\text{C} \pm 0.2^{\circ}\text{C}$
Vessel: 50 mL distilled water
Induction time (tangent method)



Blue, Red, Green: determination at 130°C
Pink, Turquoise, Brown: determination at 140°C

INCI Name: Simmondsia Chinensis (Jojoba) Seed Oil, Oils (or) Vegetable Oil.