



TECHNICAL DATA SHEET

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JOJOBA GOLDEN VIRGIN OIL

Version: 1.1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

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Name : JOJOBA GOLDEN VIRGIN OIL
Product code : JOJHV01
Origin : Israel

SECTION 2: PRODUCTION PROCESS

Manufacture : Fatty oil obtained from the seeds of *Simmondsia chinensis* by cold pressure.

SECTION 3: REGULATORY SITUATION

Identification of the product : Vegetable oil
Botanical name : *Simmondsia chinensis* (Link) C.K. Schneid.
INCI Name : SIMMONDSIA CHINENSIS SEED OIL
Synonyms : USA CAS No 61789-91-1
Japan: Jojoba oil 520987
CAS-No. : 90045-98-0
EC-No. : 289-964-3

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Appearance : Liquid, oily - syrupy.
Colour : Yellow.
Odour : slight.
Flash point : 295 °C
Melting point : 7 °C
Boiling point : 398 °C
Relative density : 0,85 – 0,88
Refractive index : 1,464 – 1,48
Optical rotation :
Solubility : Insoluble in water.

Acid value : 2.0 max mgKOH/g
Peroxide value : 8 max meq O₂/kg
Iodine value : 75 – 95 g/100g
Indice de saponification / Saponification value : 85 – 98 mg KOH / g
Unsaponifiable Matter : 45 – 55 %

Composition : Esters (%) :
C38 : [5.0 ; 8.0]
C40 : [26.0 ; 34.0]
C42 : [44.0 ; 56.0]
C44 : [8.0 ; 12.0]

Alcools (%) :
C20:1 : ca. 40%
C22:1 : ca. 45%
C24:1 : < 10%

Acides (%) :
C18:1 : [5.0 ; 15.0]
C20:1 : [65.0-80.0]
C22:1 : [10.0-22.0]

SECTION 5: Handling and storage

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources. Keep container closed when not in use.

JOJOBA GOLDEN VIRGIN OIL

Technical data sheet

Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight.
Maximum storage period	: 24 months Shelf life to guarantee the quality and properties of the product; After this period, it is recommended to control organoleptic and physicochemical properties before using the raw material.
Storage temperature	: 5 – 25 °C
Storage area	: Store in a well-ventilated place. Keep away from any flames or sparking source. Keep in the dark. Store away from heat.

Exaflor Technical Data Sheet

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.