



**Sigma Oil Seeds**  
*exotic oils and proteins*



## Jojoba Oil Brochure

2021

v1.0



## Product Description

Jojoba oil is mainly used in cosmetic formulations and products, because of the moisturizing effects. It is also an excellent vehicle for active compounds and a stabilizer of essential oils.

## General Information

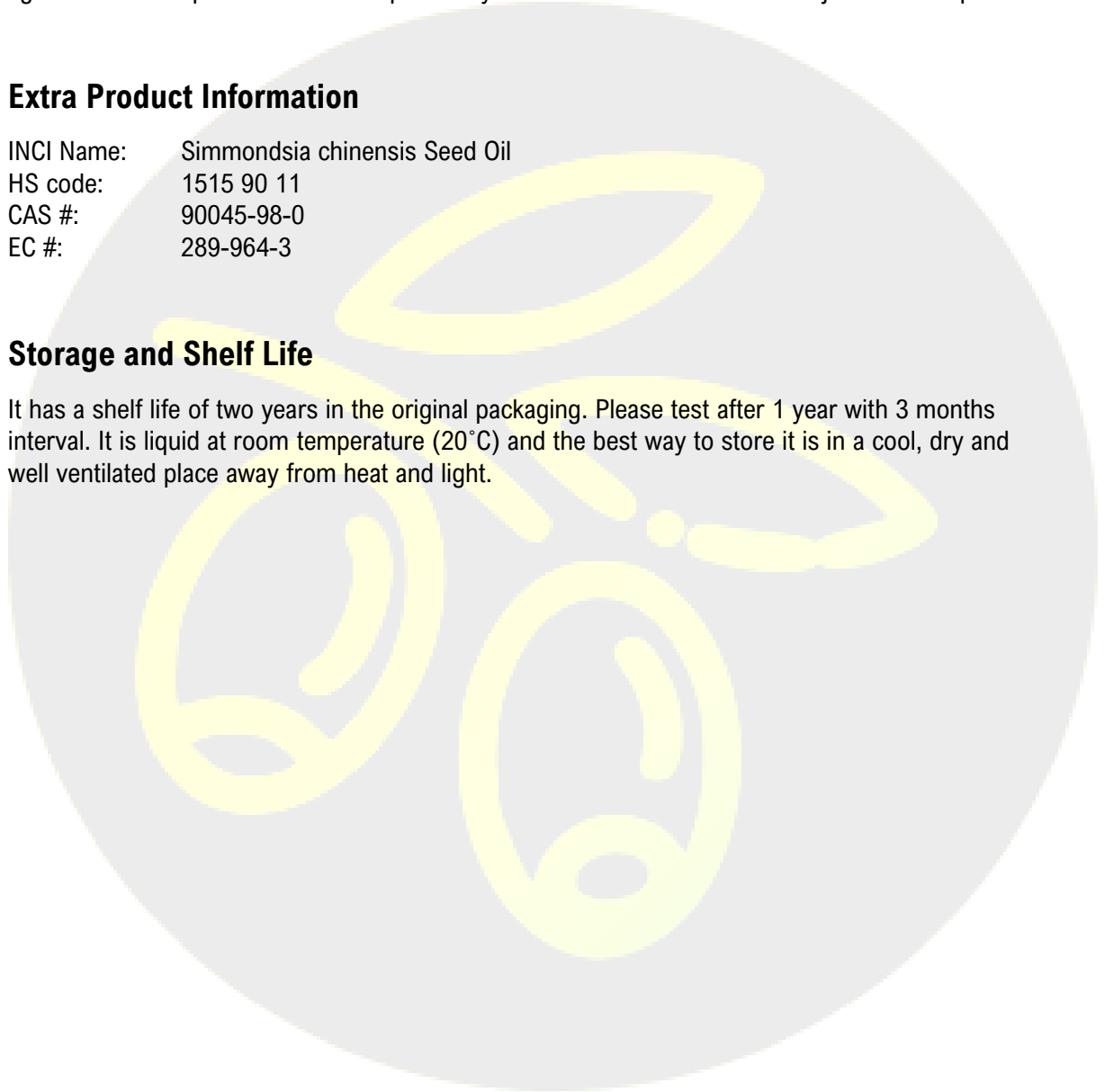
Our Jojoba oil finds its origin in Argentina and Israel. The Jojoba oil (jojoba wax) is obtained from the seeds of the *simmondsia chinensis*. It grows in particularly dry areas and desert regions where other agriculture is not possible. It takes up to 4-6 years until the first harvest of Jojoba fruits is possible.

## Extra Product Information

INCI Name:	Simmondsia chinensis Seed Oil
HS code:	1515 90 11
CAS #:	90045-98-0
EC #:	289-964-3

## Storage and Shelf Life

It has a shelf life of two years in the original packaging. Please test after 1 year with 3 months interval. It is liquid at room temperature (20°C) and the best way to store it is in a cool, dry and well ventilated place away from heat and light.



## General Specifications

**Please note:** The technical tables on this page are based on our **organic golden jojoba oil**. For other available qualities or products, please contact us.

### Physical and Chemical Characteristics

Parameter	Specification	Unit
Acid Value	Max. 2.0	mg KOH/g
Peroxide Value	Max. 8.0	meq O <sub>2</sub> /kg
Refractive Index (20°C)	Ca. 1.466	-
Iodine Value	80.0 – 92.0	gI <sub>2</sub> /100g
Saponification Value	85.0 – 98.0	mg KOH/g
Unsaponifiable Matter	45.0 – 55.0	%
Relative Density (20°C)	0.860 – 0.873	g/ml
Color	Max. 9.0	Gardner

### Fatty Acid Composition

Free Fatty Acid	Value	Unit
<b>C16:0</b> Palmitic Acid	Max. 3.0	%
<b>C16:1</b> Palmitoleic Acid	Max. 1.0	%
<b>C18:1</b> Oleic Acid <span style="color: orange;">Omega 9</span>	5.0 – 15.0	%
<b>C20:1</b> Eicosenic Acid <span style="color: orange;">Omega 9</span>	65.0 – 80.0	%
<b>C22:0</b> Behenic Acid	Max. 1.0	%
<b>C22:1</b> Erucic Acid	10.0 – 20.0	%
<b>C24:1</b> Nervonic Acid	Max. 3.0	%
Other Fatty Acids	Max. 3.0	%

### Disclaimer

The information on this product datasheet is accurate to the best of our knowledge and based on testing methods, scientific studies, assistance by our suppliers, partners and processors. Sigma Oil Seeds has no claims on their products. This product is created for cosmetic and food applications. The information on the product datasheet is based on average findings. Sigma Oil Seeds B.V. does not assume any liability or risk involved in the use of its products and the conditions of use that are beyond our control.

The user of the product is solely responsible for compliance with all laws and regulations applying to the use of this product.