

## PRODUCT SPECIFICATIONS

### PI Jojoba Flakes

<b>INCI Name:</b>	Hydrogenated Jojoba Oil
<b>CTFA Name:</b>	Hydrogenated Jojoba Oil
<b>Botanical Origin:</b>	<i>Simmondsia chinensis</i> Seed Oil
<b>CAS No(s).</b>	92457-12-0
<b>EINECS:</b>	296-292-4
REACH Registration No.	01-2120747948-34-0004
REACH Registration Date	10 September 2018

**Description:** **PI Jojoba Flakes** are white, oil-free, odourless, delicate free flowing flakes, made of pure hydrogenated Jojoba Oil.

#### Typical Properties:

Parameter (Unit)	Specification Range	Method
<b>Appearance</b>	White flakes, odourless	
<b>Melting Point</b> (°C)	67°C-71°C	
<b>Acid Value</b> (mg KOH/g)	Max. 1.0	ISO 660:2003-
<b>Peroxide Value</b> (meq/kg)	Max. 2.0	AOCS Cd 8-53
<b>Iodine Value</b> (g/100g)	0-1	ISO 3961:1996-
<b>Gardner Colour</b>	0-2	ISO 15305:1998-
<b>Nickel Content</b>	<1 ppm	ISO 17294-2
<b>Saponification Value</b> (mg KOH/g)	90-95	ISO 3657: 2002-

**Product Applications:** Lipsticks, Cosmetic Pencils.

**Shelf Life:** 3 years from the date of invoice.

**Storage:** Stored under dry conditions, between 5°C and 35°C in originally sealed containers.

The product is not affected by the **GVO**-problem. Regarding to this, the product does not require labeling according to the new GVO-settlement 1829/2003 and 1830/2003 as to genetic modifications.

**TSE/BSE risk:** This raw material is of pure vegetable origin. During production, storage and transport there is no contact with any animal material and a cross contamination is excluded. Thus the requirements of Comm. Direct. 1999/82/EEC, CPMP/BWP/1230/98, Ph. Eur.Suppl.2000:5.2.8. do not apply.

**Non Animal Testing:** The manufacturer PERA GmbH, Germany, never has conducted or commissioned animal testing on the above products since 31 December, 1990 . If however, the need to test on animals arises, then our customer will be informed in writing immediately.

**Residual solvents:** The pharmaceutical raw material (as an excipient) meets the required of Ph. Eur. Suppl. 2000, 5.4 , the food regulations are also fulfilled.