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Pure Corn Oil

Technical Data Sheet (TDS) · **Document issue date: 28.10.2026**

Typical values. This document is not a certificate of analysis (COA). Certificates and COA are available on request for wholesale items after the order ships.

1. Product

Product name	Pure Corn Oil
INCI	Zea Mays Oil
CAS / EC	CAS 8001-30-7; EC 232-281-2
Country of origin (per product card)	Italy

2. Organoleptic properties

Appearance	Liquid oil
Colour	Appropriate

3. Physico-chemical properties (typical values)

Parameter	Typical value
Acid value, mg KOH/g	Max. 0.6
Iodine value, g I2/100 g	107-128
Saponification value, mg KOH/g	187-195
Refractive index at 20 °C	1.470-1.474
Relative density at 20 °C	0.917-0.925

4. Fatty acid profile (typical values, % of total fatty acids)

C16:0 Palmitic	8-19
C18:0 Stearic	0.5-4
C18:1 Oleic	20-42
C18:2 Linoleic	34-65

5. Cosmetic applications

Used in emulsions and skin and hair care products as a lipophilic phase component. Soluble in oils. Typical use level 5-20%.

6. Storage, shelf life, packaging

Storage	In a dry, cool place, in a tightly closed container
Shelf life	18 months from production date in original closed container (typically); batch expiry date is indicated on the label
Packaging	One document covers all pack sizes of this product. The container depends on pack size (from cosmetic bottles to transport containers) and is stated on the product card.

7. Disclaimer

This information is provided for reference and for raw-material selection in formulations. Actual batch values are stated in the manufacturer's COA. The product is a raw material for cosmetic manufacturing; the manufacturer of the finished product is responsible for its safety and regulatory compliance. A skin sensitivity test is recommended before use.