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# Soybean 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 | Soybean oil |
| INCI | Glycine Soja (Soybean) Oil |
| Country of origin (per product card) | Germany |

## 2. Organoleptic properties

| | |
|---|---|
| Appearance | Oily liquid |
| Colour | From yellow to amber |

## 3. Physico-chemical properties (typical values)

| Parameter | Typical value |
|---|---|
| Acid value, mg KOH/g | Max. 0.6 |
| Peroxide value, meq O2/kg | Max. 10 |
| Iodine value, g I2/100 g | 120-143 |
| Saponification value, mg KOH/g | 189-195 |
| Relative density at 20 °C | 0.916-0.922 |
| Refractive index at 20 °C | 1.470-1.476 |

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

| | |
|---|---|
| C16:0 Palmitic | 7-14 |
| C18:0 Stearic | 3-5 |
| C18:1 Oleic | 20-30 |
| C18:2 Linoleic | 48-58 |
| C18:3 Linolenic | 5-10 |

## 5. Cosmetic applications

Used in cosmetics as an emollient in the oil phase of emulsions, creams and lotions. Soluble in oils and fats. Typical use level 2-15%.

## 6. Storage, shelf life, packaging

| | |
|---|---|
| Storage | Store in a dry cool place, in hermetically closed container, protect from light |
| Shelf life | 12 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.