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Palm Kernel 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	Palm Kernel Oil
INCI	Palm Kernel Oil
Country of origin (per product card)	Malaysia

2. Organoleptic properties

Appearance	Hard butter
Colour	From white to cream
Odour	Characteristic

3. Physico-chemical properties (typical values)

Parameter	Typical value
Acid value, mg KOH/g	Max. 6
Peroxide value, meq O2/kg	Max. 10
Iodine value, g I2/100 g	14-23
Saponification value, mg KOH/g	240-255
Melting point, °C	24-30

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

C12:0 Lauric	45-55
C14:0 Myristic	14-20
C16:0 Palmitic	6-10
C18:0 Stearic	1-3
C18:1 Oleic	10-20
C18:2 Linoleic	1-3

5. Cosmetic applications

Used in cosmetic products as an emollient. Soluble in oils. Typical use level 5-20%.

6. Storage, shelf life, packaging

Storage	In a cool dark place in tightly closed container
Shelf life	24 months from production date in original closed container (typically); batch expiry date 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.