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Castor oil Food Grade

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	Castor oil Food Grade
INCI	Oleum Ricini
CAS / EC	CAS 8001-79-4; EC 232-410-2
Country of origin (per product card)	Germany

2. Organoleptic properties

Appearance	Oily liquid, viscous, thick
Colour	Yellow, transparent
Odour	Characteristic, weak

3. Physico-chemical properties (typical values)

Parameter	Typical value
Acid value, mg KOH/g	Max. 2
Iodine value, g I2/100 g	82-88
Saponification value, mg KOH/g	176-187
Unsaponifiable matter, %	Max. 1
Relative density at 20 °C	0.952-0.966
Refractive index at 20 °C	1.477-1.481

4. Cosmetic applications

Used in cosmetic products for skin and hair as an emollient. Soluble in oils, insoluble in water. Typical use level 1-10%.

5. Storage, shelf life, packaging

Storage	Store in a dry cool place, in hermetically closed container, protect from light.
Shelf life	24 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.

6. 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.