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Sea Buckthorn Oil Unrefined

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	Sea Buckthorn Oil Unrefined
INCI	Hippophae Rhamnoides Seed Oil
CAS / EC	CAS 90106-68-6; EC 290-292-8
Country of origin (per product card)	Germany
Extraction / refining	Cold pressing

2. Organoleptic properties

Appearance	Liquid oil
Colour	From yellow to orange
Odour	Characteristic

3. Physico-chemical properties (typical values)

Parameter	Typical value
Acid value, mg KOH/g	Max. 4
Peroxide value, meq O2/kg	Max. 10
Iodine value, g I2/100 g	140-160
Saponification value, mg KOH/g	185-200
Unsaponifiable matter, %	Max. 2
Relative density at 20 °C	0.910-0.930
Refractive index at 20 °C	1.470-1.480

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

C16:0 Palmitic	Approx. 8
C18:1 Oleic	15-20
C18:2 Linoleic	30-40
C18:3 Linolenic	20-35

5. Cosmetic applications

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

6. Storage, shelf life, packaging

Storage	In a cool dark 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.