NAGDEV PRODUCTS

OFFICIAL TECHNICAL DATA SHEET

Document Ref: NPPL-TDS-03
Brand: NDEVOLEO™ FSG
Origin: North Gujarat Castor Belt, India

Refined Castor Oil (First Special Grade – F.S.G / B.S.S)

CASTOR OIL · PROPRIETARY GRADE: NDEVOLEO™ FSG

CAS Number:	8001-79-4	HS Tariff Code:	1515.30
Physical Form:	Viscous Transparent Liquid	Typical Colour:	Yellow / Pale Straw
Feedstock / Raw Material:	Castor Seed (Ricinus communis)	Shelf Life:	24 months from date of manufacture, in original unopened packaging
Commercial Status:	Regular Supply	Quality System:	In-house plant QA testing with COA per lot

TYPICAL SPECIFICATION (INDICATIVE)

SR NO	TEST PARAMETER	SPECIFICATIONS
1	Appearance	Viscous Transparent Liquid
2	Colour	Yellow / Pale Straw
3	Colour on 5¼" Lovibond Cell	Max 20Y + 2R
4	Free Fatty Acid (FFA)	1% Max
5	Acid Value	2.0 mg KOH/g Max
6	Refractive Index @ 20°C	1.477 – 1.481
7	Saponification Value	177 – 185 mg KOH/g
8	Unsaponifiable Matter	1.0% Max
9	Hydroxyl Number	160 – 168 mg KOH/g
10	Iodine Number	82 – 90 g I_2/100g
11	Ricinoleic Acid Content	85% Min
12	Moisture	0.25% Max

Values are typical for this grade. Results for each lot are reported on its COA; specifications can be agreed per contract.

STANDARD PACKAGING & BULK LOGISTICS

Bulk in ISO Tank / Flexi Tank / Vessel • 200 / 225 kg MS Drums / HDPE Drums • 950 kg IBC • Customized drum lines

TARGET INDUSTRIAL APPLICATIONS

Refined, neutralized and bleached castor oil manufactured to British Standard Specifications (B.S.S). Grade for manufacturing HCO, 12-HSA, clear coatings, urethanes, cosmetic formulations, and premium specialty lubricants.

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Disclaimer: The specifications above reflect typical quality values. Every shipment is accompanied by a batch Certificate of Analysis (COA). HS tariff classification is indicative; final code confirmed at time of export.

Nagdev Products Pvt. Ltd.
Quality Assurance Laboratory