NAGDEV PRODUCTS

OFFICIAL TECHNICAL DATA SHEET

Document Ref: NPPL-TDS-10
Brand: NDEVWAX™ HCO
Origin: North Gujarat Castor Belt, India

Hydrogenated Castor Oil (H.C.O) Flakes / Powder

CASTOR OIL DERIVATIVES · PROPRIETARY GRADE: NDEVWAX™ HCO

CAS Number:	8001-78-3	HS Tariff Code:	1516.20
Physical Form:	White Flakes / Micronized Powder	Typical Colour:	Pure White
Feedstock / Raw Material:	Refined Castor Oil (FSG)	Shelf Life:	24 months from date of manufacture, stored dry at ambient temperature
Commercial Status:	Regular Supply	Quality System:	In-house plant QA testing with COA per lot

TYPICAL SPECIFICATION (INDICATIVE)

SR NO	TEST PARAMETER	SPECIFICATION (FLAKES)	SPECIFICATION (POWDER)
1	Appearance	White Flakes	White Powder
2	Melting Point, °C	84.0 – 88.0°C	85.0 – 88.0°C
3	Iodine Value, g I_2/100g	3.0 Max	3.0 Max
4	Saponification Value, mg KOH/g	176 – 185	176 – 185
5	Acid Value, mg KOH/g	3.0 Max	3.0 Max
6	Hydroxyl Value, mg KOH/g	155 – 165	155 – 165
7	Moisture & Volatile Matter, %	0.10 Max	0.10 Max
8	Residual Nickel, ppm	10 Max	10 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

25 kg Multiwall Paper Bags with inner poly liner • 500 kg / 1000 kg Jumbo Bags • Palletized and shrink-wrapped

TARGET INDUSTRIAL APPLICATIONS

Hydrogenated Castor Oil (NDEVWAX™ HCO) is a hard, high-melting white vegetable wax in regular commercial supply. It is used as a thickener in lithium greases, a rheology modifier in coatings, and a lubricant in PVC extrusion, supplied from our plant at Deodar, Gujarat, with a COA per lot.

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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