

Castor Oil Low Moisture

Castor Oil Low Moisture is supplied in the Oils range for industrial formulation and processing enquiries. CAS No. 8001-79-4.

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POLYRHEO CASTOR OIL FSG LOW MOISTURE

CAS NO: 8001-79-4

PRODUCT DESCRIPTION

POLYRHEO CASTOR OIL FSG LOW MOISTURE is a pure refined castor oil, first special grade, with extremely low moisture, < 0.02%), offered by us and widely used in cosmetic and pharmaceutical industries. This is a premium grade of castor oil developed for use where low acidity and moisture content are critical.

PROPERTIES

PROPERTIES	SPECIFICATIONS	TEST METHODS
Appearance	Clear and Free from suspended matter	QC/TP/OIL-39
Color on Lovi Bond 5 ¼" Cell	20 Y, 2.0 R Max	AOCS Cc 13e-92
Free Fatty Acids (as Oleic) %	1.0 pct Max	AOCS Ca 5a-40
Acid Value	2.0 Max	AOCS Ca 5a - 40
Moisture & Volatiles	0.02 % pct Max (200 ppm)	AOCS Ca 2c-25
Insoluble Impurities	0.02% pct Max	AOCS Ca 3a-46
Unsaponifiable Matter	0.7 % Max	AOCS Ca 6a-40
Relative Density at 25/25 Deg C	0.957-0.965	IS 548
Refractive Index at 25 Deg C	1.476-1.479	AOCS Cc 7-25
Iodine Value	83-88	AOCS Cd 1-25
Hydroxyl Value	161.5-168	AOCS Cd 13-60
Viscosity	6.3-8.9	AOCS Tq 1a-64
Ricinoleic Acid	85 Min	ISO 5508/12966-2
Odor	Slight Characteristic	
Soluble in Alcohol 20 Deg C	Complete without Turbidity in two Volumes of Specially Denatured Alcohol Formula 3A (95%)	

STORAGE & SHELF LIFE

Two years when stored in the original, unopened container under recommended conditions.



PACKAGING

225 kg drums & 950 kg totes.

PRECAUTIONARY STATEMENT

Polyrheo maintains up-to-date Safety Data Sheets (SDS) on all its products. These sheets contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Users should review the latest SDS to determine possible health hazards and appropriate precautions to implement prior to using this material.

NOTES

The values indicated in this document may deviate from the test method requirements by the number of significant figures shown. Results may be based on tank certification, manufacturing data, periodic testing and/or most recent product restock. This product, including the product name, shall not be used or tested in any medical application without the prior written acknowledgement of Polyrheo as to the intended use.

For additional technical, sales and order assistance: sales@polyrheo.com