



(Manufacturer & Global Exporter of Castor Oil & Derivatives)

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TECHNICAL DATA SHEET –REFINED CASTOR OIL (FSG / BSS)



Sr.No.	Test Parameter	Unit	Specification
1	Appearance	---	Pale Yellow, Viscous clear liquid
2	Solubility in Ethyl alcohol	---	Complete soluble without turbidity
3	Colour in 1" cell, (Y+5R) in Lovibond Tintometer	Units	2.2 Y, 0.3 R max
4	Colour in 5.25" cell, (Y+5R) in Lovibond Tintometer	Units	20.0 Y, 2.0 R max
5	Free Fatty Acid (as oleic)	%	1.0 max
6	Acid Value	mg KOH / g	2.0 max
7	Moisture	%	0.25 max
8	Insoluble Impurities	%	0.02
9	Specific Gravity at 30 deg C	---	0.954 – 0.960
10	Refractive Index at 40 deg C	---	1.4700 – 1.4740
11	Iodine Value (Wij's method)	g I ₂ / 100 g	82 – 90
12	Saponification Value	mg KOH / g	177 – 185
13	Hydroxyl Value	---	158 - 165
14	Unsaponifiable matter	%	1.0 max
15	Mineral Oil test	---	Negative
16	Viscosity	poise	6.0 – 9.0

Packing : 200 Kg Nett MS Drums : 225 Kg Nett MS Drums : 20' ISO Ctr : 20' Flexi bag : Bulk in Vessel	-16.0 MT Loose / Palletised/20' ctr - 18.0 MT Loose / Palletised/20' ctr ..21.5 MT (+/- 5%) ..21.5 MT (+/-5%) .. 500 MT – 5,000 MT FOB KANDLA
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Applications : Manufacture of CASTOR OIL DERIVATIVES (HCO, 12 H S A, RIC ACID, Emulsifiers,), Leather Industry, Textile Industry, Resin Manufacturing, Paints, Cosmetics.

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