

# JAYANT AGRO-ORGANICS LIMITED

Leadership through Innovation



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## data sheet

## CASTOR OIL

Jayant Agro-Organics Ltd. (JAOL) offers Castor Oil in grades Commercial, First Special and Pale Pressed. The specifications are as given below.

### SPECIFICATIONS

Parameter	Commercial	First Special	Pale Pressed
Description	Yellow, viscous liquid	Pale yellow, viscous liquid	Very Pale Yellow, viscous liquid
Sp. Gravity @ 30/30°C	----	0.954-0.960	0.954-0.960
M.I.V.	0.50% max.	0.25% max.	0.25% max.
Refractive index@ 40 deg C	1.4700 - 1.4740	1.4700 - 1.4740	1.4700 - 1.4740
Optical Rotation@ 25 deg C	----	+ 3.5	+ 3.5
Iodine value (Wijs)	82-90	82-90	82-90
Saponification value	177 - 185	177 - 185	177 - 185
Unsaponifiable matter	1% max.	1% max.	1% max.
Free Fatty Acid (FFA) as Oleic acid	2% max.	1% max.	0.75% max
Acid Value	4 max.	2 max.	1.5 max.
Hydroxyl Value	160-168	160-168	160-168
Colour in Lovibond, 1" cell, Y + 5R Basis	30Units max.	3.7 Units max	
Colour in Lovibond, 5.25"cell		2.2Y,0.3R max.	10.0Y,1.0R max.
➤ <u>We can meet Buyer Specifications on request</u>			

**OTHER INFORMATION:** Castor Oil, also known as Ricinus Oil, is a triglyceride of fatty acids like most other fats. However, it is a unique fat in that it contains 85-90% ricinoleic acid, cis-12-hydroxyoctadec-9-enoic acid, a rare source of an eighteen carbon hydroxylated fatty acid with one double bond.

**PACKING:** Castor oil is offered in drums of 200kg net, in tankers and in bulk.

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The above details are given to the best of our knowledge without any obligation