

AA[®] Standard Castor Oil

Technical Data Sheet



Product Identification AA[®] Standard is a commercial, quality refined grade castor oil. It is a light colored viscous liquid with a molecular weight of 928. The principle constituent (approximately 90%) is the triglyceride (ester) of ricinoleic acid. The combination of hydroxyl group and unsaturation exists only in castor oil.

Physical Properties	Property	Value
	Composition	Approximately, 90% Triglyceride of Ricinoleic Acid
	Molecular Weight	928
	Form	Clear viscous liquid
	Acid Value	1
	Color, Gardner	1
	Density, lbs./gal, 25°C	7.98
	Fire Point, COC, °F	605
	Flash Point, COC, °F	555
	Hydroxyl Value	164
	Iodine Value	86
	Moisture Content, %	0.1
	Pour Point, °F	-10
	Refractive Index	1.4775
	Saponification Value	180
	Specific Gravity, 25°C/25°C	0.959
	Viscosity, 25°C, Stokes	7.3

- Applications**
- Efficient plasticizing and pigment wetting properties
 - Biodegradable
 - Excellent lubricating properties
 - Chemical intermediate

For toxicity or regulatory information please consult the Material Safety Data Sheet.

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Vertellus Performance Materials Inc., 2110 High Point Road, Greensboro, NC 27403 USA
USA Tel: 800-227-2436 USA Fax: 336-854-4058 USA Email: VPM-TechServices@vertellus.com
Web: www.vertellus.com