



#1 Castor Oil  
 Low AV  
 Liquid  
 CAS# 8001-79-4

**PRODUCT DATA SHEET**

PARAMETERS	SPECIFICATION	TEST METHOD
Appearance @ 25°C	Clear, FFFM	Visual
Acid Value	0.8 max	AOCS Cd 3a-63
Free Fatty Acid (as Oleic), %	0.4 max	AOCS Ca 5a-40
Saponification Value	176 – 182	AOCS Cd 3-25
Iodine Value	83 – 88	AOCS Cd 1a-25
Lovibond 5.25”	15Y / 1.5R max	AOCS Cc 13b-45
Hydroxyl Value	160 – 168	AOCS Cd 13-60
Moisture (Karl Fisher), %	0.25 max	AOCS Ja 2b-87
Insoluble Impurities, %	0.02 max	AOCS Ca 3-46
Viscosity Stokes @ 25°C, Stokes	6.3 – 8.9	AOCS Tq 1a-64
Solubility in Alcohol @ 20°C	Complete w/out Turbidity	ASTM D 960
Ricinoleic Acid, %	85 min	GC Analysis

**Inquiries:**

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- \* INCI Name: Ricinus Communis (Castor) Seed Oil
- \* Vegetable-based, non-animal derived product
- \* 2-Year Shelf-Life from the date of manufacture kept at ambient temperatures unopened.
- \* No Genetically Modified Organisms (GMO’s)
- \* Bovine Spongiform Encephalopathy/Transmissible Spongiform Encephalopathy (BSE/TSE) free
- \* No animal testing performed on/during any part of the product process
- \* No Residual Solvents
- \* Registered for REACH
- \* Refer to SDS as a guideline for Safety, Handling and Storage information

The data herein are based on our current knowledge and believed to be reliable. They are intended for use by persons having technical skill and at their own discretion and risk. Due to numerous factors that may affect handling, processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any data given herein may change without prior notice and do not constitute a contractual agreement regarding quality.

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