



#1 Castor Oil Standard Liquid CAS# 8001-79-4

PRODUCT DATA SHEET

PARAMETERS	SPECIFICATION	TEST METHODS
Appearance @ 25°C	Clear and free from suspended matter.	Visual
Odor	Slight, characteristic	----
Free Fatty Acid (Oleic), %	1.0 max	AOCS Ca 5a-40
Moisture & Volatile, %	0.25 (2,500 ppm) max	AOCS Ca 2c-25
Insoluble Impurities, %	0.02 maximum	AOCS Ca 3-46
Color, Lovibond 5.25"	20.0Y / 2.0R max.	AOCS Cc 13e-92
Hydroxyl Value	160 – 168	AOCS Cd 13-60
Viscosity @ 25°C Stokes	6.3 – 8.9	AOCS Tq 1a-64
Ricinoleic Acid, %	85 min	GC Analysis
Solubility in alcohol @ 20°C	Complete without turbidity in two volumes of specially denatured alcohol formula 3A (95%).	ASTM D 960

Inquiries:

Acme-Hardesty Co
450 Sentry Parkway
Blue Bell, PA 19442
(800) 223-7054
csc@acme-hardesty.com

- * 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
- * Peanut, tree nut, wheat, grain, dairy, eggs, fish and gluten free
- * 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.

Acme-Hardesty Co., specifically disclaims any implied warranties of merchantability, suitability or fitness for a particular purpose or application, and assumes no liability in connection with the use of this information. Final determination of suitability is the sole responsibility of the user who alone knows the conditions of intended use.

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/Acme

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