

# #1 Castor Oil Standard Liquid

## 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

\* Bulk specifications available upon request

### Inquiries:

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- \* Vegetable-based, non-animal derived product
- \* 1-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 MSDS 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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