



TECHNICAL DATA SHEET

Product Name	Dry #1 Castor Oil
CAS No.	8001-79-4
Synonyms	Castor Oil Dry, Dry Castor Oil
Chemical Formula	$C_3H_5(C_{18}H_{33}O_3)_3$
Molecular Weight	932 g/mol
Description	Castor Oil is a vegetable oil extracted by mechanical pressing of the Castor seed. It is pale-yellowish or almost colorless with a mild characteristic odor. Because of its unique molecule structure there are numerous applications in various industrial segments.
Application Areas	<ul style="list-style-type: none">• Polyurethanes compared with epoxies, Silicones and Polyesters in Electrical potting, Encapsulating applications.• Electrical and Telecommunications uses.• Potting compounds• Cable Encapsulation• Cable Sealant• Cable Reclamation• Re-Enterable Cable Filling.• As the basic polyol in PU floor coatings.• PU adhesives/sealants and PU foams
Packaging	200 kg steel drums



Avalon Chemicals, Inc.

SPECIFICATION SHEET

Product : Dry #1 Castor Oil

CAS No. : 8001-79-4

Parameters	Specification
Color	4.0 Gardner
Appearance	Clear and free of suspended matter
Acid Value	2.5 mg KOH/g
Water	0.02 Wt%