

**DRY - #1 Castor Oil**  
Technical Data Sheet



**Product Identification**

DRY-#1 Castor Oil is a Technical Grade Castor Oil having very low moisture content, 0.02% maximum. The low moisture content makes this product ideal for lubricant or polyurethane applications where low moisture is required.

**Physical Properties**

<u>Property</u>	<u>Value</u>
<b>Composition</b>	Approximately, 90% Triglyceride of Ricinoleic Acid
<b>Molecular Weight</b>	928
<b>Form</b>	Clear to slightly hazy liquid
<b>Acid Value</b>	1
<b>Color, Gardner</b>	1+
<b>Density, lbs./gal, 25°C</b>	7.98
<b>Fire Point, COC, °F</b>	605
<b>Flash Point, COC, °F</b>	555
<b>Hydroxyl Value</b>	164
<b>Iodine Value</b>	86
<b>Moisture Content, %</b>	0.01
<b>Pour Point, °F</b>	-10
<b>Refractive Index</b>	1.4775
<b>Saponification Value</b>	180
<b>Specific Gravity, 25°C/25°C</b>	0.959
<b>Viscosity, 25°C, Stokes</b>	7.3

**Applications**

- Polyurethane Systems
- Lubricants
- Chemical Intermediates
- Insoluble in water
- Soluble in alcohols (hot), esters, ethers, ketones and aromatic hydrocarbons
- Partially soluble in aliphatic hydrocarbons

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

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