

# No. 1 Imported Castor Oil

## Technical Data Sheet



**Product Identification** No. 1 Imported Castor Oil is a Technical Grade pure castor oil. Castor Oil, also known as ricinus oil, is a triglyceride of fatty acids which occurs in the seed of the castor plant, *Ricinus communis*.

No. 1 Imported Castor Oil is also available as DRY #1 Castor Oil with a moisture content of 0.02% maximum.

<b>Physical Properties</b>	<b>Property</b>	<b>Value</b>
	<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>	1.2
	<b>Color, Gardner</b>	2
	<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>	0.2
	<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**
- 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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