

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.

Physical Properties

Property	Value
Composition	Approximately, 90% Triglyceride of Ricinoleic Acid
Molecular Weight	928
Form	Clear to slightly hazy liquid
Acid Value	1
Color, Gardner	2
Density, lbs./gal, 25° C	7.98
Fire Point, COC, °F	605
Flash Point, COC, °F	555
Hydroxyl Value	164
Iodine Value	86
Moisture Content, %	0.2
Pour Point, °F	-10
Refractive Index	1.4775
Saponification Value	180
Specific Gravity, 25° C/25° C	0.959
Viscosity, 25° C, Stokes	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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