

Dry #1 Castor Oil

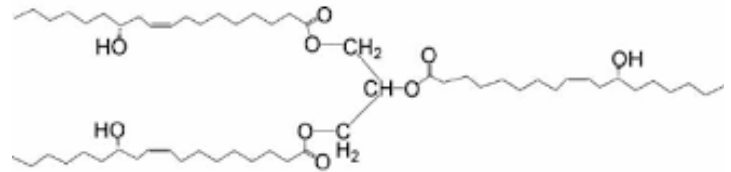
low moisture technical grade castor oil

product information

Dry #1 Castor Oil is a Technical Grade pure castor oil having a very low moisture content at 0.02% maximum. Also known as ricinus oil, it is a triglyceride of fatty acids which occurs in the seed of the castor plant, *Ricinus communis*. The low moisture content makes this product ideal for lubricant or polyurethane applications where low moisture is required

application background

- Industrial uses
- Lubricants
- Polyurethanes
- Pigment and dye dispersions



performance benefits

- Extremely low moisture
- Hydrophobic
- Insoluble in water
- Refined for consistency
- Soluble in alcohols (hot), esters, ethers, ketones and aromatic hydrocarbons
- Partially soluble in aliphatic hydrocarbons
- Biodegradable and renewable source

typical characteristics

| | |
|------------------------|-----------------------|
| Appearance | clear, viscous liquid |
| Molecular Weight | 928 |
| Acid Value | 2.5 maximum |
| Gardner Color | 3+ maximum |
| Hydroxyl Value | 164 |
| Iodine Value | 86 |
| Viscosity, 25°C | 7.3 stokes |
| Moisture, % | 0.02 maximum |
| Saponification Value | 179 |
| Refractive Index | 1.477 |
| Specific Gravity, 25°C | 0.959 |

Consult the Safety Data Sheet for hazard and regulatory information

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201 North Illinois Street, Suite
1800 Indianapolis, IN 46204 USA
ask@aurorium.com
www.aurorium.com

technical data sheet