

**TECHNICAL DATA SHEET**

**CASTOR OIL NO. 1  
FIRST SPECIAL GRADE/FIRST PRESSING**

**Technical Data**

<b>Appearance</b>	<b>Pale yellow viscous liquid</b>
<b>Odour</b>	<b>Slight characteristic</b>
<b>Colour (5¼ Lovibond)</b>	<b>20Y 2R max.</b>
<b>Free fatty acid as oleic acid</b>	<b>1% max.</b>
<b>Moisture and volatile matter</b>	<b>0.25% max.</b>
<b>Insoluble Impurities</b>	<b>0.02% max.</b>
<b>Hydroxyl Value</b>	<b>160 min.</b>
<b>Ricinoleic Acid</b>	<b>85% min.</b>
<b>Viscosity @ 25°C (stokes)</b>	<b>6.3 to 8.9</b>
<b>Saponification Value</b>	<b>177 to 187</b>
<b>Iodine Value</b>	<b>82 to 90</b>
<b>Refractive Index @ 20°C</b>	<b>1.477 to 1.481</b>
<b>Relative Density @ 20°C</b>	<b>0.952 to 0.965</b>

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