



**REFINED CASTOR OIL**  
**TECHNICAL DATA SHEET**

**PRODUCT DESCRIPTION**

<b>INCI NAME:</b>	REFINED CASTOR OIL (F.S.G)
<b>EINECS/ELINCS NO:</b>	232-293-8
<b>CAS NO. :</b>	8001-79-4
<b>MOLECULER FORMULAE:</b>	C57H104O9

**CHARACTERISTICS VALUE**

<b>PARAMETER</b>	<b>SPECIFICATION</b>
Appearance	Pale yellow, clear liquid.
Moisture, Insoluble, volatilities	0.25
F.F.A (as Oleic), %	1.00
Acid Value	2.00 mg KOH/gm
Iodine Value (wijs)	82 - 89
Saponification	177 – 187 mg KOH/gm
Hydroxyl Value	160.00 MIN mg KOH/gm
Ricinoleic Acid content, %, type untested	95.00
Refractive Index @ 40°C	1.477 - 1.481
Relative Density @ 20°C	0.958 – 0.968
Unsaponifiable matter	0.70 Max
Lovibond color, 1/4" cell	Y – 20.0 R - 2.0
Solubility test	Passes
Odor	Slight, Typical
Viscosity, typical Gardner-Holt	U-V type untested