

## Chemax CO-5

<b>CHEMICAL NAME</b>	POE (5) Castor Oil
<b>INCI NAME</b>	-
<b>CAS NUMBER</b>	61791-12-6
<b>FUNCTION</b>	Emulsifier, Lubricant
<b>TECHNICAL REQUIREMENTS</b>	Acid Value (to pH 9.5) ..... 3 Maximum Color (Gardner) ..... 4 Maximum Hydroxyl Value ..... 128 – 145 pH (5% in IPA/H <sub>2</sub> O) ..... 6.0 – 9.0 Saponification Value ..... 138 – 153 Water, % ..... 1 Maximum
<b>GENERAL DATA</b>	Appearance @ 25°C ..... Yellow Liquid Specific Gravity @ 25°C ..... 0.98 Aqueous Solubility ..... Insoluble HLB ..... 3.8
<b>APPLICATION</b>	Chemax CO-5 is an ethoxylated triglyceride that is used to impart emulsification and lubricity attributes in metalworking and textile applications.

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