

## Technical Data Sheet

1. General product information	
<b>Product name :</b>	EL-40
<b>Chemical name:</b>	Castor Oil Ethoxylates
<b>CAS number:</b>	61791-12-6
<b>Product Description:</b>	EL-40 is a non-ionic surfactant derived from castor oil polyoxyethylene ethers. It possesses excellent emulsifying, dispersing, and antistatic properties. Primarily used as an oil-in-water (O/W) emulsifier. Widely used in the textile industry (synthetic fiber oils, wool oils), pesticides (organophosphorus emulsifiers), inks, pharmaceuticals, metal processing, and oilfield extraction.

2. Specifications Table		
Parameters	Physical and Chemical Properties	Test Method
Appearance(25°C)	viscous liquid ranging in color from light yellow to light brown	Visual assessment
Saponification value (mgKOH/g)	-	GB/T 5534-2008
Cloud point (°C)	75-80	GB/T 5559-2010
pH value	5.0-7.0	GB/T 12008.2-2010
Water content (%)	≤0.5	GB/T 22313-2008
Iodine value (g I <sub>2</sub> /100 g)	-	General Rules 0713, Chinese Pharmacopoeia

※ The above data is for reference only and should not be construed as technical indicators.

## 3. Properties and Applications

Chemical fiber oils and wool oils for the textile industry

Emulsifiers for organophosphate pesticides

Used in inks, pharmaceuticals, and metalworking fluids

Used in oilfield extraction, industrial cleaning, and other fields

#### **4. Storage and Handling**

Store in dry and cool location and protect the product from heat and direct sunlight. In enclosed original container product keeps stable for at least 2 years. keep the container tightly sealed. Prior taking portions all the lot must be homogenised. please refer to the Safety Data Sheet (MSDS) for this product for instructions on safe and proper handling and disposal.

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The information provided in this document is based on the best of our knowledge and experience. It is intended as a general description of our product specifications and shall not constitute a guarantee or agreement regarding the quality of the specified products, respectively. The customer remains responsible for the inspection and testing of the specified products, as well as any supplementary information and documents provided alongside with the specified products, in particular the material safety data sheets, in order to determine their suitability for their particular application.