

## Technical Data Sheet

1. General product information	
<b>Product name :</b>	EL-36
<b>Chemical name:</b>	Castor Oil Ethoxylates
<b>CAS number:</b>	61791-12-6
<b>Product Description:</b>	EL-36 is a non-ionic surfactants that exhibits excellent emulsifying, solubilizing, wetting, and self-emulsifying properties, as well as good biodegradability. Widely used in pesticide formulations (particularly high-concentration emulsifiable concentrates and microemulsions), textile printing and dyeing, leather processing, and water-based coatings as a highly effective emulsifier and fiber lubricant.

2. Specifications Table		
Parameters	Physical and Chemical Properties	Test Method
Appearance(25°C)	Pale yellow transparent oily liquid	Visual assessment
Saponification value (mgKOH/g)	-	GB/T 5534-2008
Cloud point (°C)	70-75	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

Readily soluble in water, fatty acids, or other organic solvents and exhibits excellent emulsifying properties.

Used as an emulsifier in the ink and pharmaceutical industries.

Can be used as an emulsifier for organophosphorus pesticides.

Used as an O/W emulsifier for emulsifying various vegetable, mineral, and petroleum oils.

Used as a crude oil dehydration agent in the oilfield industry.

Used in the metalworking industry to formulate water-soluble metal cutting fluids.

#### **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.