

Technical Data Sheet

1. General product information

Product name :	EL-20
Chemical name:	Castor Oil Ethoxylates
CAS number:	61791-12-6
Product Description:	EL-20 is a non-ionic surfactant derived from castor oil polyoxyethylene ethers. It is primarily used as an emulsifier, wetting agent, and dispersant Widely used in synthetic fiber spinning oils, pesticide emulsions, and industrial cleaning.

2. Specifications Table

Parameters	Physical and Chemical Properties	Test Method
Appearance(25°C)	A thick, brownish-yellow liquid	Visual assessment
Saponification value (mgKOH/g)	-	GB/T 5534-2008
Cloud point (°C)	43-54	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 ₂ /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

Spinning oils for synthetic fibers (such as polyester and acrylic)

Emulsifiers for pesticides (especially organophosphate pesticides)

Formulations such as creams and ointments in the pharmaceutical industry

Formulation of water-soluble metal cutting fluids and industrial inks

Daily chemical products such as printing pastes and household detergents

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.

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.