

Technical Data Sheet

1. General product information	
Product name :	JFC-8
Chemical name:	Fatty alcohol polyoxyethylene ether
CAS number:	68131-39-5
Product Description:	JFC-8 is a non-ionic surfactant with strong wetting, penetrating, and emulsifying properties. As a highly effective penetrating agent, it is widely used in industries such as electroplating, textile printing and dyeing, leather processing, and industrial cleaning.

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

Used as an emulsifier, it aids in the solubilization of primary brighteners; or as a raw material for the synthesis of carrier brighteners, it is used in electroplating solutions such as acid zinc and acid tin to improve coating quality in high-current-density areas.

Used as a highly effective penetrant, it facilitates processes such as desizing and dyeing, enhancing color uniformity and colorfastness.

Used as a penetrant and degreaser.

Effectively removes oil and grease from deep holes and crevices, making it suitable for various industrial cleaning applications.

In fields such as pesticides and coatings, it enhances the efficacy of active ingredients and the stability of pigments.

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.