

Technical Data Sheet

1. General product information	
Product name :	PF-1740
Chemical name:	Ethylene glycol polyoxyethylene polyoxypropylene block polyether
CAS number:	9003-11-6
Product Description:	PF-1740 is a non-ionic surfactant designed to provide solutions that combine excellent lubricity with low-foaming and long-lasting performance in industrial cleaning and metalworking applications. It is primarily used in key industrial sectors such as metalworking fluids, industrial cleaning, the electronics industry, pesticide formulations, and textile printing and dyeing.

2. Specifications Table		
Parameters	Physical and Chemical Properties	Test Method
Appearance(25°C)	Clear liquid	Visual assessment
OH Number (mgKOH/g)	42+5	GB/T 7383-2007
Cloud point (°C)	50	GB/T 5559-2010
pH value	5.0-7.0	GB/T 12008.2-2010
Water content (%)	≤0.2	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

A cleaning agent for equipment in the dairy, brewing, and beverage industries, used to remove iron filings and flakes from metal parts

Used as a lubricant, wetting agent, and defoamer in fully synthetic metalworking fluids (such as cutting fluids)

Used in silicon ingot cutting fluids and in the processing of printed circuit boards

Used as an additive (such as a dispersant) in emulsion polymerization and as a defoaming component in pesticide formulations

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.