Technical Data Sheet

1. General product information

Product name :	T-05
Chemical name:	Tetrahydrophosphate polyoxyethylene ether
CAS number:	61791-26-2
Product Description:	T-05 is a non-ionic surfactant classified as a lipophilic emulsifier. Its primary functions include acting as a water-in-oil (W/O) emulsifier, antistatic agent, and softener. Primarily used in the textile printing and dyeing, synthetic fiber, leather, resin, paint and coating, metal processing, personal care, pesticide adjuvant, and industrial cleaning industries.

2. Specifications Table

Parameters	Physical and Chemical Properties	Test Method
Appearance(25℃)	Brown oily liquid	Visual assessment
TAV / TerAV（mgKOH/g）	115±4	GB/T 7383-2007
Cloud point（℃）	-	GB/T 5559-2010
pH value	-	GB/T 12008.2-2010
Content（%）	>97	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

Highly effective leveling agents, antistatic agents, dispersants, and penetrants for textile printing and dyeing and synthetic fibers.

Fatting agents, softeners, wetting and dispersing agents, and antistatic agents for leather processing.

Used as emulsifiers in skin care lotions and hair dye formulations.

Used as emulsifiers, wetting agents, and dispersants in pesticide formulations to improve the spreadability and penetration of the solution.

Used as the primary surfactant in various industrial cleaners and degreasers, offering excellent cleaning, wetting, and penetrating properties

4. Storage and Handling

Store in dry and cool location and protect the product from heat and direct sunlight. In enclosed riginal container product keeps stabile 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.