

## Technical Data Sheet

1. General product information	
<b>Product name :</b>	TSP-17
<b>Chemical name:</b>	Tristyrylphenol polyoxyethylene ether
<b>CAS number:</b>	99734-09-5
<b>Product Description:</b>	TSP-17 is a non-ionic surfactant derived from triphenylethylphenol polyoxyethylene ether. Its hydrophilicity can be flexibly adjusted by varying the number of ethylene oxide (EO) units added. Widely used as an emulsifier and dispersant and is widely applied in the pesticide, textile, and industrial cleaning industries.

2. Specifications Table		
Parameters	Physical and Chemical Properties	Test Method
Appearance(25°C)	Brownish-yellow semi-solid	Visual assessment
Saponification value (mgKOH/g)	-	GB/T 5534-2008
Cloud point (°C)	54-60	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

Widely used as an emulsifier and dispersant in pesticide formulations such as organophosphate, organochlorine, and herbicide products

Used as a dyeing aid and in the leveling process in the textile printing and dyeing industry

Serves as an intermediate for phosphate esters in the preparation of high-performance anionic surfactants

Used in water-based formulations for industrial cleaning, metal processing, and other applications

#### **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.