

## Technical Data Sheet

1. General product information	
<b>Product name :</b>	SC(FL)
<b>Chemical name:</b>	Triphenylphenol polyoxyethylene ether phosphate triethanolamine salt
<b>CAS number:</b>	105362-40-1
<b>Product Description:</b>	SC/FL is an anionic phosphate ester (amine salt) surfactant specifically designed for modern pesticide formulations. Its primary function is to serve as a highly effective wetting and dispersing agent, and it is primarily used in the agrochemical industry, particularly in the development and production of water-based pesticide formulations such as suspension concentrates (SC) and emulsifiable concentrates (SE).

2. Specifications Table		
Parameters	Physical and Chemical Properties	Test Method
Appearance(25°C)	Thick, yellow to brown 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 <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

Used in the formulation of high-concentration pesticide suspension concentrates (SC) that are difficult to develop, such as Acetamiprid 200SC, Diclofop-methyl 800SC, Terbutylazine 500SC, and Fluconazole 125SC.

As a multifunctional wetting and dispersing agent, it is used in the formulation of various eco-friendly, water-based pesticide formulations, such as suspension concentrates (SC).

Blended with other adjuvants (such as 500#, D985, DP70, etc.) to optimize the overall performance of the formulation.

#### **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.