

Technical Data Sheet

| 1. General product information | |
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| Product name : | HTO-7 |
| Chemical name: | Polyoxyethylene Isoalcohol Ether |
| CAS number: | 9043-30-5 |
| Product Description: | HTO-7 is a non-ionic surfactant. Its core functions are as an effective wetting agent, emulsifier, and dispersant, and it is primarily used in industrial and public facility cleaning, textile printing and dyeing, leather processing, metalworking fluids, agricultural chemicals, and personal care products. |

| 2. Specifications Table | | |
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| Parameters | Physical and Chemical Properties | Test Method |
| Appearance(25°C) | Colorless to pale yellow liquid | Visual assessment |
| OH Number (mgKOH/g) | 110 ± 5 | GB/T 7383-2007 |
| Cloud point (°C) | - | GB/T 5559-2010 |
| pH value | 5.0-7.0 | GB/T 12008.2-2010 |
| Water content (%) | ≤1.0 | 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

Textile Printing and Dyeing: Detergents, leveling agents, emulsifiers, wetting agents, and cleaning agents used in textile pretreatment and preparation.

Industrial and Household Cleaning: Used as key ingredients in multi-purpose detergents, household cleaning products, and cleaning agents for vehicles and public facilities.

Metalworking: Used as emulsifiers and emulsifying components in metal cutting fluids.

Agricultural Chemicals: Used as emulsifiers and dispersants in pesticide formulations (such as EC, EW, SE, etc.).

Coatings and Inks: Used in water-based coatings and water-based inks.

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.