



TECHNICAL BULLETIN

TRISPERSE 445N

DESCRIPTION:

- **TRISPERSE 445N** is a homopolymer of acrylic acid with an optimized molecular weight to be used in different applications such as liquid fabric wash, laundry applications, industrial and institutional detergents. The **TRISPERSE 445N** is excellent to formulate phosphate free detergents due to its exceptional dispersing properties.

ADVANTAGES:

TRISPERSE 445N inhibes crystal growth, thus preventing precipitation of carbonates or silicates and prevents the re-disposition of clay or other insoluble dirt onto the fabric or hard surface by keeping the particles suspended in wash bath.

CONDITIONS OF USE:

To obtain an optimal performance, the **TRISPERSE 445N** should be used at levels between 250 to 1,000 ppm in the wash baths (household) and 100 to 500 ppm for industrial application. That corresponds to 2-6% (as is) in a liquid formulation.

PHYSICAL PROPERTIES:

Appearance :	Clear to yellow liquid
Total solids (%) :	45.0 – 47.0
pH as is :	6.5 – 7.5
Viscosity is cp	500 – 2,000
Specific gravity:	1.20 – 1.32

For more information concerning the handling, the manipulation or the use of this product, please consult our material safety data sheet or consult our Technical service department.

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