

Technical Data Sheet

DETERGENT CHEMICALS

EBCALAN PAA 50

Edition 03-2021

EBCALAN PAA is a homo-polymer of Acrylic with an optimized molecular weight to be used in industrial and institutional detergents and water treatment. EBCALAN PAA shows an excellent stability in hypochlorite solution which makes it more suitable than traditional Acrylic/Maleic copolymer in detergents formulations that includes chlorine releasing agents.

1. SUPPLY SPECIFICATIONS

• Chemical nature	acrylic acid homo-polymer
• Appearance	Colorless / Pale yellow - Viscous Liquid

2. TYPICAL VALUES

• Solid content	(45 + 1) %
• pH (10% soln. @ 23°C)	2.5-4.5
• Viscosity (Brookfield; as is @ 23°C, spindle No. 4 @ 20 rpm)	≤ 1500 mPas
• Average molecular weight	8,000-10,000
• Acrylic acid residual	≤ 100 ppm

APPLICATIONS

EBCALAN PAA molecular weight and monomers ratios delivers optimum performance in both laundry and ware wash application for the following reasons:

- EBCALAN PAA acts as anti-precipitator by increasing solubility of inorganic salts (carbonates, sulfates of Ca and Mg ions) in wash bath, preventing its deposit on fabrics or dishes.
- EBCALAN PAA helps in crystal distortion as the polymer gets entrapped into crystal lattices facilitating its breakage. And this will minimize the adherence of salts on fibers and facilitate their elimination by rinsing.
- EBCALAN PAA polymer is an excellent dispersant for proteinaceous stains that have been previously removed from fabrics.

SPECIFIC PROPERTIES

EBCALAN PAA is a homo-polymer of Acrylic with an optimized molecular weight to be used in industrial and institutional detergents.

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PACKAGING

250 kilogram plastic drums, 1200 kilogram IBC Tank, or 20MT ISO Tank.

STORAGE

- This product has a shelf life of 12 months in the original sealed package at ambient temperature.
- The container should be closed tightly after each use.
- The Technical data ascertained by our quality control laboratory at the time of product release may vary according to the storage time and storage conditions and may deviate from the stated limits.

Egyptian British Company maintains Material Safety Data sheets (MSDS) on all of its products. These contain important information that you may need to protect your employees and customers against any known health and safety hazards associated with our products. We recommend you to obtain copies of MSDS for our products, from our technical representative, and obtain copies of MSDS from your suppliers of other raw materials used with our products.