

EBCATHICK 3020

Edition 03-2021

EBCATHICK 3020 is a Hydrophobically modified Alkali Soluble acrylic polymer Emulsion (HASE) with unusually high aqueous thickening and stabilizing efficiency.

1. SUPPLY SPECIFICATIONS

• Chemical nature	Acrylic thickener
• Appearance	Milky emulsion
• Solid content	(30 + 0.5) %
• pH	1.5-3
• Viscosity (Brookfield; 25°C)	<40 mPas
• Residual Monomer	<500 ppm

2. TYPICAL VALUES

When neutralized to a pH above 7 by adding alkalis, EBCATHICK 3020 thickens instantly. The instantaneous effect on viscosity and easy incorporation of EBCATHICK 3020 into alkaline cleaner formulations offer savings in valuable production time that cannot be matched by carbomer or cellulosic thickeners, requiring pre-dissolution and elimination of lumps.

Benefits:

- Can be thickened instantaneously with any alkali. Compatible with both non-ionic and anionic surfactants, builders and fillers.
- Compatible with high levels of salts and electrolytes commonly present in household and institutional formulations.
- Gives crystal clear gels or solutions.
- Association may occur with other formulation components giving enhanced viscosity and stability.
- Supplied as low viscosity liquid emulsion, is very easy to handle. No pre- dissolution, de-clumping or warming required.
- As a synthetic polymer, it is inherently resistant to microbes and enzymes that can degrade cellulosic thickeners, leading to loss of viscosity.
- Water based polymerization. No residual solvents. No residual organic initiators.

APPLICATIONS

Due to its outstanding properties EBCATHICK 3020 is recommended for the following applications:

- ✓ Highly built detergent liquids
- ✓ Liquid abrasive cleaners
- ✓ Highly alkaline oven cleaners and paint strippers
- ✓ All-purpose cleaners
- ✓ Moderate viscosity liquid detergents
- ✓ Automatic Dishwashing liquids
- ✓ Hard surface cleaners

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.