

## Technical Datasheet

Textile Chemicals

### EBCA QUEST 350

Edition 3-2021

EBCA QUEST 350 is an organophosphonate with multifunctional properties like sequestration, deflocculation, threshold inhibition and hydrolytic stability, as a single active ingredient.

#### Typical SPECIFICATIONS

Appearance	Colorless to pale yellow liquid
Composition	1-HYDROXYETHYLIDENE-1,1-DIPHOSPHONIC ACID TETRASODIUM SALT
Ionic nature	Anionic ☒
Density	98 g/cm <sup>3</sup>
PH at 5% solution	14
Solubility	Soluble in water
Active content	30.0±1.0 %
Density (at 20 °C)	1.32

#### SPECIFIC PROPERTIES

EBCA QUEST 350 is used as a strong chelating agent for metal ions like Ca, Mg & Fe builder in synthetic detergent, in water treatment and textile applications.

EBCA QUEST 350 shows efficient inhibition for CaCO<sub>3</sub> & CaSO<sub>4</sub> alone or in combination with low molecular weight polymers.

EBCA QUEST 350 shows efficiency in protecting metal corrosion and shows strong chlorine stability.

#### PACKAGING

125, 250 Kgs Plastic Drums or 1250 IBC Tank.

#### STORAGE

- EBCA QUEST 350 may be stored without problem at normal ambient temperature of (10-60 °C) , at temperature below 0 °C, the formation of small white crystals may occur. These will be re-dissolved with gentle heat up to 5°C . A30
- EBCA QUEST 350 has a shelf life of 12 months maximum for routine operations.
- Keep away from strong oxidizing agents and keep containers sealed.
- Storage materials: -ss316 or polyethylene are suitable .

These suggestions and data based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.

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.