

## Technical Data Sheet

WATER TREATMENT CHEMICALS

# EBCA SPERSE B 40

Edition 03-2021

**EBCA SPERSE B 40** is a high-performance antiscalant and dispersing agent designed for water treatment applications. It is based on low molecular weight polyacrylate, specifically formulated to inhibit scale formation, prevent particle aggregation, and improve system efficiency. **EBCA SPERSE B 40** is highly effective in controlling scales such as calcium carbonate, calcium sulfate, barium sulfate, and iron oxides, while offering excellent dispersion properties.

## 1. SUPPLY SPECIFICATIONS

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

## 2. TYPICAL VALUES

• Solid content	(42 + 1) %
• pH (10% soln. @ 23°C)	3: 4
• Viscosity (Brookfield; as is @ 23°C, spindle No. 3 @ 40 rpm)	≤ 600 mPas
• Acrylic acid residual	≤ 100 ppm

## APPLICATIONS

Scale Inhibition: Effectively prevents the formation of common scales like calcium carbonate and sulfate salts.

Dispersion: Disperses suspended particles, preventing fouling and clogging of equipment.

Wide Compatibility: Suitable for use with a variety of water chemistries and treatment systems.

Thermal Stability: Performs well in high-temperature environments.

## 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.

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