

## Filter Aid BECOGUR™ 3500



### Diatomaceous Earth, Coarse

**BECOGUR 3500 diatomaceous earth from Eaton's Begerow Product Line is a coarse diatomaceous earth for clarifying liquids heavily loaded with turbidities in the food and beverage industry. It is also ideally suited for primary pre-coating.**

The specific advantages of BECOGUR 3500 diatomaceous earth:

- High clarification sharpness through special particle size distribution
- Optimum dirt holding capacity
- Reliable filtration through rapid formation of an adherent filter cake
- Economic due to the optimum ratio of flow rate and clarification sharpness
- Maximum purity, safe to use in accordance with German and EU regulations and US-FDA (Food and Drug Administration) requirements concerning the production of beverages

#### Application

BECOGUR 3500 diatomaceous earth is used for diatomaceous earth filtration in the following filter devices:

- Pre-coat sheet/frame filters with washable support sheets, e.g. BECO® ENDURA® support sheets
- Pre-coat filters (vessel filters) with horizontal or vertical screen elements
- Cartridge filters with vertical filter cartridges
- Rotary vacuum filters for separating larger solid quantities, according to the machine manufacturer's specifications
- Filter presses for sludge dehumidification: BECOGUR 3500 diatomaceous earth is mixed into the liquid sludge as a drainage aid or added as a pre-coat for improving filtrate clarification

#### Optimization of Pre-Coat Filtration

Filtration performance can frequently be improved by combining BECOGUR diatomaceous earths with other filter aids, e.g.

BECOLITE™ filtration perlites,

BECOCEL™ filtration cellulose fibers,

BECOFLOC® pre-coat filter additives.

#### Product Characteristics

Diatomaceous earth is produced from the siliceous deposits of microscopic diatoms. The powdery BECOGUR 3500 diatomaceous earth is produced by mixing specially selected particle sizes. It is largely free from non-filtering components such as fine dust and silica sand.

#### Safety

When used and handled correctly, there are no known unfavorable effects associated with BECOGUR 3500 diatomaceous earth. Inhalation of dust is harmful. If dust forms, use an extractor or wear a breathing mask.

Further safety information can be found in the relevant Material Safety Data Sheet, which can be downloaded from our website.

#### Storage

As an active adsorption substance, BECOGUR 3500 diatomaceous earth can adsorb moisture and odors. Therefore, it should always be stored in an intact bag in a dry, well-ventilated place that is free from foreign odors.

Check odor in aqueous suspension before use.

#### Delivery Information

BECOGUR 3500 diatomaceous earth is sold under article no. 37.350 and is supplied in the following package size:

44.1 lb (20 kg) multi-layer valve paper bag

HS Customs Tariff: 3802 90 00

## Certified Quality

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BECOGUR 3500 diatomaceous earth is monitored constantly in the laboratory to ensure consistently high product quality.

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For more information, please e-mail us at [filtration@eaton.com](mailto:filtration@eaton.com) or visit us online at [eaton.com/filtration](http://eaton.com/filtration) for a complete list of Eaton's filtration products.

Not all products in Eaton's Begerow Product Line are available in all regions. Please contact your local Eaton office to determine availability.

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