

Filter Aid BECOGUR™ 4500



Diatomaceous Earth, Coarse

BECOGUR 4500 diatomaceous earth from Eaton's Begerow Product Line is a coarse diatomaceous earth for quick clarification of liquids with a high turbidity such as new wine, syrup, wort, and other high viscosity liquids.

The specific advantages of BECOGUR 4500 diatomaceous earth:

- Optimum dirt holding capacity
- Reliable filtration through rapid formation of an adherent filter cake
- Very 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 4500 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
- Cartridges 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 4500 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 4500 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 4500 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 adsorbent, BECOGUR 4500 diatomaceous earth may take up moisture and odors. It must therefore be stored in undamaged packaging in a dry, well ventilated place without off-smell.

Check odors in aqueous suspension before use.

Delivery Information

BECOGUR 4500 diatomaceous earth is sold under article no. 35.450 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

During the production process, BECOGUR 4500 diatomaceous earth is regularly monitored in order to ensure consistently high product quality.

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For more information, please e-mail us at filtration@eaton.com or visit us online at 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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