



# Dicalite Kieselgur

Filtration aid

## Product description

Kieselguhr, also known as diatomaceous earth, essentially consists of silicon oxide (SiO<sub>2</sub>). Kieselguhr was formed from the silicic acid-containing skeletons of microscopically small water plants, deposited on the floor of oceans and seas several hundred thousand years ago.

Due to its extremely porous structure and large internal surface, kieselguhr is highly suitable for various filtration purposes. Visually, the fine product types can be identified by the pink colour, whilst medium-fine and coarser types are white in colour.

## Dosage

The quantities used are governed by the individual circumstances. The quantities used may vary greatly depending on the initial turbidity of the product to be filtered and the degree of clarity desired in the filtrate.

A base filter cake is first obtained on the filter backing fabric by precoat for precoat filtration of beverages. A defined volume of kieselguhr filtration aid is added to the product stream to maintain drainage in the growing filter cake during ongoing filtration.

Choice of the appropriate product type is governed by the specific conditions and requirements. Erbslöh supplies products selected to meet requirements in varying degrees of fineness, which can be used individually or as a mixture:

| Product type | Fineness        |
|--------------|-----------------|
| 215          | Very fine       |
| Superaid     | Fine            |
| UF:          | Fine-medium     |
| Speedflow    | Moderate        |
| Speedplus    | Medium - coarse |
| Speedex      | Coarse          |

## Storage

Dicalite Kieselgur should be stored in a dry, odour-free place. Containers which have been opened should be immediately tightly sealed.

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The application recommendations given herein describe the intended use of the product as a processing aid or additive as part of a good manufacturing practice. Only this application can lead to a food safety of the final product. However, please note: Our technical product leaflets are based on our current knowledge and experience. They have to be seen as general information on our products only. Due to the imponderabilities of treating natural products and the potential prior treatment we cannot accept any liability. Accordance with all national laws and regulations for use of our products has to be ensured by each user. All data is therefore provided without any warranty. All information is subject to change without prior notice. Our general terms of business apply, please refer to [www.erbsloeh.com](http://www.erbsloeh.com).  
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