



# Ercarbon GE/FA/BI

Selectively reacting  
activated carbon  
powder for versatile  
use

## Product Description

The individual Ercarbon types are activated carbon powders of vegetable origin with correspondingly varied inner surface, thus specific adsorption capacity.

Permitted according to the presently valid laws and regulations. Purity and quality are proved by specialized laboratories.

## Aim of Treatment

Dependent on treatment, the individual Ercarbon types are applied as follows:

- for the adsorption of undesired off-taste and off-smell, Ercarbon GE
- for the elimination of reddish off-colours due to browning reactions, Ercarbon FA
- for the reduction of tannins and polyphenols and for the elimination of brownish high-colour, Ercarbon BI

## Product and Effect

The carbons undergo a special production process in which the fine material is bound without affecting adsorptive power. In such a way separation is effected more quickly and the bouquet substances of the beverages are widely preserved. Accordingly selective is the reaction of the different Ercarbon types with regard to the treatment of undesired taste-giving and olfactive substances and to reduce increased contents of tannins and colouring matter. Ercarbon does not only deposit rather quickly but also very well. Usually, Ercarbon is added first to the beverage, when combined with other fining agents. In most cases filtrability is improved when beverages are treated with Ercarbon.

## Application

Ercarbon contains the basic substances of the Granucol® pellets. But Ercarbon carbons cannot be applied directly, they must be mixed with an adequate amount of liquid prior to application. Add the prepared slurry to the vessel and stir intensively for several minutes. Afterwards stir again 2 or 3 times in short intervals. Adsorption is definitely terminated within one day, mostly already after a few hours. The activated carbon deposit should then be separated as soon as possible. In case of precoat filtration, Ercarbon can be added continuously together with the filter aids. Preliminary tests should be carried out to determine optimum dosages for treatment.

The following dosages are guide values:

1. **Treatment of wine, "Süßreserve" (unfermented/partly fermented grape juice/must for sweetening) and fruit juices:**
  - a) A dosage of 10-40 g Ercarbon GE/100 L to treat slight-off taste and off-smell, such as mouldy, stagnant and casky taste/smell, corkiness and unpleasant taste caused by layer yeast; a dosage of 20-60 g Ercarbon GE/100 L to treat sulphide off-odours or slight taste of kerosene. A use of higher amounts of Ercarbon could affect the treated beverage considerably and might make a blending become necessary. It is recommended to remove off-taste derived from rot, frost, vintage already in the must stage (dependent on off-taste intensity 50-100 g/100 L). When grapes are rotten, the addition of 1 g/100 L Ercarbon GE is recommended per % rot. Additional clean aromas are obtained by a combination with Seporit PORE-TEC and Erbslöh-Mostgelatine. Fermentation together with treatment agents is possible, the results are however better when deposits are separated prior to fermentation.
  - b) A dosage of 10-30 g Ercarbon FA/100 L is mostly sufficient for colour correction, dependent on colour intensity.
  - c) A dosage of 10-50 g Ercarbon BI/100 L leads to a good clarification and flavour rounding-off when high-coloured beverages or beverages with high tannin contents are treated. Moreover, several clarification problems are solved. Tannins are reduced extremely carefully and efficiently, when a combined treatment of Ercarbon BI and Gerbinol® Super is carried through. Gerbinol® Super should be added approximately 1-2 hours after the addition of the activated carbon.

According to EC regulation no. 606/2009, the application of activated carbon is allowed for mash, must and young wine from white and red grapes. In addition, activated carbon is authorised for use in wine from white grapes. Altogether a maximal dosage of 100 g activated carbon per 100 L (kg) is permitted.

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Our technical product leaflets and the treatment recommendations they contain, are based on our current knowledge and experience and we make all reasonable efforts to ensure the accuracy of the information it provides. But since pre-treatment is mostly unknown to us and moreover imponderabilities with regard to the natural products to treat have to be taken into consideration, the advice given provides general information and serves for your consultation. Without a separate, written statement from our side on a defined matter or problem, the information provided should not be relied upon as legal advice or regarded as a substitute for legal advice and is without liability. The information provided is in accordance with the law in force of the Federal Republic of Germany and the EU. In addition, our general terms of business apply.

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## 2. Treatment of spirits and brandies:

- a) To treat off-taste and off-smell, an application of Ercarbon GE is recommended for the elimination of fusel content or for flavour rounding off. The dosage depends on the intensity of the disturbing components, yet a minimum dosage of 50-100 g/100 L is necessary in most cases.
- b) For decolourization, the required dosage comes up to 50-100 g Ercarbon FA/100 L. Treatment should be performed at standard drinking alcohol contents of up to 55 % by volume.

## Storage

Protect from foreign odours and humidity. Reseal opened packagings immediately and tightly.

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