



# How to Avoid Clumping or Incrustation

## Natural and Functional Fiber Agents for the Production of Fertilizer Granules and Prills

### YOUR CHALLENGE

Individual components in fertilizer powders and granules react differently to humidity or temperature fluctuations. Surfaces cake and stick together during or after the production process. The application of the final product is disrupted and shelf life is reduced.



#### How to Solve it

Prevent clumping and incrustation of granules, prills or mini prills by adding an effective anti-caking agent. Their flowability is thus permanently maintained, from the production process to the application by the end user.



#### Which Fiber Works

Anti-caking agents of the product group ARBOCEL®. Contact us for the identification of the right anti-caking agent which strongly depends on the physical conditions of your fertilizer.



#### How it Works

ARBOCEL® acts as a spacer between the clumping particles and also absorbs excess moisture not being available anymore for the particles to adhere to each other.



#### How to Use it

Addition of ARBOCEL® anti-caking agent in the powder mix or final granulated product. Required quantity depends on the fertilizer properties.

Choose the most modern and sustainable way to optimize your production of fertilizer granules, prills and mini prills:

Building on experience in virtually every industry sector, JRS Plant Fiber Agents have proven to be true solution providers in roller compaction, build-up agglomeration and problem solving for anti-caking or dust reduction!

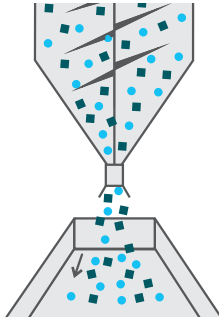


ARBOCEL® for anti-caking

## How to Avoid Clumping, Incrustation or Lump Formation?

### Profit from Anti-Caking Effects in Your Production Process

- > Improved flowability in production and filling process
- > Reduce production scrap



### ... in Storing and Application of Fertilizer Granules!

- > Avoids clumping, incrustation and lump formation during storage and transportation
- > Physical properties and quality of the fertilizer product are maintained until application by the end user



#### Disclaimer

The above mentioned information is based on our practical knowledge and experience and is meant to be helpful when using our products. Due to the different materials and processes involved, we recommend in any case, adequate testing at your company or consultation with us. We cannot be held liable for this information.

Contact us

[www.jrsplantcultivation.com](http://www.jrsplantcultivation.com)



WORLDWIDE HEADQUARTERS  
**J. RETTENMAIER & SÖHNE GMBH + CO KG**

BU Technics / JRS Plant Cultivation  
 73494 Rosenberg (Germany)  
 Phone: +49 7967 152-440  
[technik@jrs.de](mailto:technik@jrs.de)  
[www.jrsplantcultivation.com](http://www.jrsplantcultivation.com)