



Less humidity in
your tableting
mass? Why not!

Micronized dry binder with superior moisture absorbent properties to prevent clumping of your API – before and during the tableting process.



Product Information
CompactCel® MAB

BIOGRUND's tableting agent **CompactCel® MAB** provides an easy to use, micronized and homogeneous powder compound of silicon dioxide, calcium carbonate, microcrystalline cellulose and talc. The mixture acts as a decompaction dry binder.

Moisture absorbent additives are often needed in situations where hydrophilic active pharmaceutical ingredients (API) are processed. These kind of API's (e.g. amino acids) absorb humidity from the ambient air. Therefore the particles of other ingredients in your tablet mass will stick to the API. Clumping inside the tableting mass will lead to an inhomogeneity and fluctuations of the tablet hardness during the compaction process.

One approach to improve compaction process and prevent clumping in the tablet mass can be a reduction of the relative humidity. Adding **CompactCel® MAB** to the tableting mass before the compaction process will break up the whole powder compound.

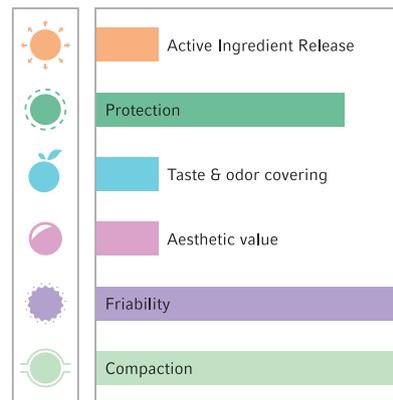
The use of silicon dioxide in the mixture improves free flowing properties. Its exceptional porosity gives a

superior adsorptive capacity for increased stability by adsorbing surrounding liquids or moisture.

BIOGRUND recommends using 5–10% **CompactCel® MAB** within the core formulation to achieve best results. The product can be used for pharmaceutical and nutritional applications.

Regulatory and quality aspects: All **CompactCel® MAB** formulations are developed to meet the official regulatory requirements of the user's country for pharmaceutical products and for nutritional or dietary supplements.

Product Performance



General Information
on BIOGRUND

Since 1999, **BIOGRUND** has been the specialist for the homogeneous mixing of excipients and carriers. With locations in Germany, Switzerland, America and Russia, we support the food supplement and pharmaceutical industry in the development, formulation and production of solid oral dosage forms. The tailor-made and ready-to-use special powder mixtures for film coating, sugar-coating, coloring and tableting enable optimum results in a short time. Easy, fast and reliable!

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