

Easy oil absorption
or humidity control in
your powder blend?
Why not!

Dry powder blend with superior oil and humidity absorbing properties to transfer oily substances in powder and control humidity in your blends. Suitable for powder, sachet, tablet and capsule formulas.

Product Information

CompactCel® MAB

The ingredient premix **CompactCel® MAB** provides an oil and moisture holding capacity and prevents clumping of your powder blend. The homogeneous dry powder product controls humidity related issues in formulas or absorbs oily substances into free flowing powder.

Moisture absorbent additives are often needed in situations where hygroscopic active ingredients are processed. These kinds of materials or APIs absorb humidity from the ambient air, which makes the blend sticky. Clumping within the powder mass can be the result. For a compaction process it will lead to an inhomogeneity and fluctuations of the tablet hardness. Similar challenges can be faced in the capsule filling process.

One approach to improve the compaction process and prevent clumping in the tablet mass can be a reduction of the relative humidity in the production area. This is not always possible and very complex. Adding **CompactCel® MAB** to the tableting mass before the compaction process will loosen up the whole powder compound and prevent it from getting sticky.

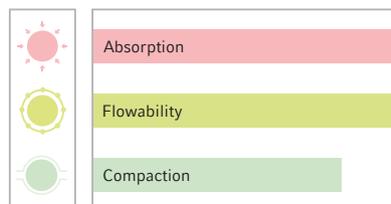
When oily substances are involved a good approach is the incorporation of these oily substances into the **CompactCel® MAB** to achieve a powder blend. Especially ingredients such as natural high-sources of vitamins, probiotics, omega 3-6-9 fatty acids, antioxidants, amino acids and CBD oils need to be converted into a powder to incorporate them into solid dose products. **CompactCel® MAB** enables a high absorbing capacity of oily substances in powder with dry and free flowing properties. If the oil powder is then filled into hard gelatin capsules or pressed into tablets,



precision dosing of exact amounts of ingredients or nutrients can be achieved.

Regulatory and quality aspects: **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. The ingredient premix can be formulated naturally or fully organic for a clean label declaration.

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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