

A super-disintegrant
formulated with
only Clean Label
ingredients?
Why not!



Natural or organic super-disintegrant
premix for direct compression.
For a faster therapeutic effect.

Product Information

CompactCel® DIS

CompactCel® DIS is a natural/organic super-disintegrant which enables a rapid break-up of solid dosage forms when they come into contact with moisture.

The super-disintegrant premix is formulated with natural ingredients and complies with current Clean Label standards. It provides an alternative to synthetic super-disintegrants, such as crosslinked polymers, crosscarmellose sodium or sodium starch glycolate.

CompactCel® DIS helps in the fast breakdown of the solid dosage form so that the active ingredient becomes bioavailable faster and is readily absorbed. It can also be used in the formulation of oral disintegrating tablets (ODT) or chewing tablets.

Our natural premix for direct compression possesses several useful properties:

- good hydration
- poor gel formation
- good compressibility and flow property
- faster therapeutic effect
- neutral odor and practically tasteless

Disintegrants and super-disintegrants are used to increase the surface area of the tablet fragments and to overcome cohesive forces that keep particles together in a tablet. Without the disintegrant the active might not get dissolved quickly to correspond to the requirements of a fast release dosage form.

For improving the release characteristics, an incorporation rate of the **CompactCel® DIS** in the tablet formulation is recommended between 1-5%.

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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