



# Disintequik™ MCC 25

Hard Tablets with Fast Disintegration

Disintequik™ MCC 25 is a co-processed Alpha Lactose Monohydrate/Microcrystalline Cellulose excipient designed for direct tableting operations where hard tablets and fast disintegration is required. The unique process synergistically combines the properties of the Lactose and MCC and also eliminates blending issues, resulting in a uniform formulation.

Disintequik™ MCC 25 combines the superior binding capabilities of lactose and the disintegration of MCC allowing for small quantities of active and permits tablets to be made without granulating. It is more fluid, more compressible, and produces tablets with higher breaking strength than a straight Lactose/MCC blend.

## Applications

**Direct Tableting**

## Benefits

- Reduction of Blending Issues
- Low Dust Generation
- Avoidance of Costly Wet Granulation Process
- Improved Flowability And Content Uniformity During Compression



Contact your Kerry Account Representative for more information | [www.kerry.com](http://www.kerry.com)



# Disintequik™ MCC 25

## Hard Tablets with Fast Disintegration

- For hardness profiles, tablets consist of 99.5% product and 0.5% magnesium stearate.
- Tablets were made using an instrumented 10-station rotary tablet press.
- Hardness was performed on an automated tablet tester.
- Disintegration was performed in 800 ml of Epure water at 37°C using a USP Disintegration Apparatus.

