



MICROCEL® is a pure, **partially depolymerized cellulose** and **multifunctional excipient**. It can be used in powder formulations, including tablets, granules and pellets, while demonstrating **enhanced disintegration** and serving as a **binder, compression agent, flow aid or extrusion aid**.

The major advantage is natural origin, vegetable derived cellulose that is safe for agricultural applications

HOW TO USE?

MICROCEL® is used in multiple applications:

- Direct compression (MICROCEL® 102/200)
- Wet granulation (MICROCEL® 101/102)
- Dry granulation (MICROCEL® 101/102)
- Capsules (MICROCEL® 102/200)

According to the application and the equipment MICROCEL® is used as **bulking agent, binder, and as a disintegrant**.

WHAT DOSAGE?

10 at 50% for:

- Direct compression
- Dry granulation
- Wet granulation (inside)
- Capsules
- **5 at 30%** for wet granulation (outside)

OUR ADVANTAGES

ENVIRONMENTALLY FRIENDLY

- MICROCEL® is environmentally friendly and naturally derived

INERT AND CHEMICALLY STABLE

- MICROCEL® is chemically inert and does not react with active ingredients

DISINTEGRATION

- MICROCEL® enhances disintegration of tablets/granules/pellets through rapid fiber swelling in the presence of water

GRANULOMETRY

- MICROCEL® granulometry is highly reproducible


PHYSICAL PROPERTIES

	MICROCEL® 101	MICROCEL® 102	MICROCEL® 200
Appereance	White powder	White powder	White powder
Density (Bulk)	0.26-0.31	0.28-0.33	0.33-0.40
Loss on drying	7.0% max.	7.0% max.	7.0% max.
pH	5.0-7.0	5.0-7.0	5.0-7.0
Biodegradability	Upon request	Upon request	Upon request


MISCELLANEOUS INFORMATION

Storage temperature	5–30°C
Storage instructions	Closed container, protect from humidity
Shelf life	36 months
Packaging	25 kg bag


OUR PROPERTIES




Pellets



Granules



Tablets



Crushed granules

MICROCEL®

Possibility to include in:

- Fertilizers
- Biostimulants
- Biocontrol actives