



**SOLUTAB™** is composed of croscarmellose sodium, an insoluble hydrophilic polymer. Polymer structure **facilitates** both **capillary wicking** and **swelling** to achieve **high capacity water absorption**, resulting in radial expansion. This leads to **swelling** and the **rapid breakdown of formulations**, with high efficiency, even when used in low doses.

Major advantages: **SOLUTAB™** composition provides unique functionality as a **super disintegrant** which delivers accurate predictable release of formulation actives. Additionally, **natural-origin, plant-derived** cellulose is **safe for use** in agricultural applications.

## HOW TO USE?

**SOLUTAB™** serves to enhance disintegration and breakage of granules/pellets/tablets, allowing the active ingredients to dissolve rapidly upon application. **SOLUTAB™** protects against gel formation that can encapsulate the active ingredient, thereby reducing dissolution when wetted and/or shear forces are applied.

**SOLUTAB™** is considered a suitable dissolution aid for manufacturing any class of bioactive compounds.

## WHAT DOSAGE?

Used in low concentrations, from **0.5% to 5.0%**

## OUR ADVANTAGES

### ENVIRONMENTALLY FRIENDLY

- **SOLUTAB™** is a natural, plant-derived product

### INERT AND CHEMICALLY STABLE

- **SOLUTAB™** is a non-labile formulant for stable delivery of active ingredients

### DISINTEGRATION

- **SOLUTAB™** greatly enhances the disintegration properties of tablets/granules/pellets

### GRANULOMETRY

- **SOLUTAB™** granulometry is highly reproducible



## PHYSICAL PROPERTIES


	SOLUTAB™ A	SOLUTAB™ A-IP	SOLUTAB™ EDP
Appearance	White powder	White powder	White powder
Density (Bulk)	0.55–0.75 g/cm <sup>3</sup>	0.55–0.75 g/cm <sup>3</sup>	0.55–0.75 g/cm <sup>3</sup>
Loss on drying	10% max	6% max	10% max
pH	Neutral/Acidic	Neutral/Acidic	Neutral/Acidic
Average Particle Size (µm)	60	60	45
Food Grade	Yes (E/FCC 468)	Yes (E/FCC 468)	Yes (E/FCC 468)
Non-GMO	Yes	Yes	No

## MISCELLANEOUS INFORMATION


Storage temperature	5–30°C
Storage instructions	Closed container, protect from humidity
Shelf life	60 months
Packaging	25 kg lined cardboard box

As a super disintegrant, **SOLUTAB™** is used in extruded granules and tablets for a wide range of products, from active ingredients, nutrients, and microbes. **SOLUTAB™** can also be used with all agricultural defensives, such as fungicides and herbicides. **SOLUTAB™** is not shear sensitive and can be used at low dosage rates (0.5%–5%).


## OUR PROPERTIES




**Pellets**



**Granules**



**Tablets**



**Crushed granules**

**SOLUTAB™**

**Potential carrier for:**

- Fertilizers
- Biostimulants
- Biocontrol actives
- Herbicides/ Fungicides