



Starch 1500 is a unique, global pharmaceutical excipient combining several properties in a single product. Only Starch 1500 performs the multiple functions of a binder, disintegrant, flow-aid and self-lubricant. It is extremely versatile, being effective in a variety of processing methods for solid oral dosage forms.

	Direct Compaction	Wet Granulation	Capsule Plug Formation
Binder	X	X	X
Disintegrant	X	X	X
Flow Aid	X	X	X
Lubricant	X	X	X

BINDER

- Functions as both a wet and dry binder to allow process flexibility.
- Enhances the functionality of other excipients to produce tablets with excellent hardness and low friability.
- Reduces process costs associated with the preparation of typical binder solutions.

DISINTEGRANT

- Provides effective disintegration and eliminates the need for costly super disintegrants, which can reduce film coating quality.

FLOW-AID

- Excellent flow properties ensure drug content and weight uniformity of tablets and capsules.

LUBRICANT

- Self-lubricating property eliminates any negative effect on dissolution or film coating quality seen with other lubricants.

REGULATORY

- Meets PhEur and USP/NF specifications for pregelatinized Starch.

BOTANICAL SOURCE

- Maize (does not contain gliadin gluten)

NOVEL APPLICATIONS

- Moisture Sensitive Actives:
Supports long-term stability
- Low Dose Actives:
Delivers superior drug uniformity
- Film Coated Tablets:
Enhances coating performance and productivity
- Controlled Release:
Improves flow properties of HPMC matrix formulations

TECHNICAL SUPPORT

- Worldwide network of technical service laboratories
- Formulation and application development
- Scale-up support

PACKAGING

- Starch 1500 is packaged in 50 kg fiber drums fitted with a polyethylene liner.

For more information on Starch 1500® visit our web site at www.colorcon.com/excipients

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Santa Ana, California	714-549-0631	714-549-4921	Singapore	65-6438-0318	65-6438-0178
Indianapolis Indiana	317-545-6211	317-545-6218	Fuji-gun, Shizuoka, Japan	81-5-4465-2711	81-5-4465-2730
Humacao, Puerto Rico	787-852-3815	787-852-0030	Shanghai, China	86-21-5442-2222	86-21-5442-2229
<i>Europe</i>			Goa, India	91-832-288-3434	91-832-288-3440
Dartford, Kent, England	44-1322-293000	44-1322-627200	Seoul, Korea	82-2-2057-2713	82-2-2057-2179
Bougival, France	33-1-3082-1582	33-1-3082-7879	<i>Latin America</i>		
Idstein, Germany	49-6126-9961-0	49-6126-9961-11	Buenos Aires, Argentina	54-11-4552-1565	54-11-45523997
Gallarate, Italy	39-0331-776932	39-0331-776831	Cotia, Brasil	55-11-4612-4262	55-11-4612-3307
Budapest, Hungary	36-1-200-8000	36-1-200-8010	Bogota, Colombia	571-418-1202	571-418-1257
Istanbul, Turkey	90-216-465-0360	90-216-465-0361	Caracas, Venezuela	58-212-442-4819	58-212-442-8724
Barcelona, Spain	34-9-3589-3756	34-9-3589-3792	Santa Fe, Mexico	52-55-3000-5700	52-55-3000-5701&02

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