

Excell-RDT SF™

Rapid Dissolve Tablet Powder

With Bitter-Bloc™ Technology

Excell-RDT is a sugar/lactose-free fine powder tablet base designed to be easy to work with, compatible with a wide range of APIs. This base has a relatively fast preparation time, requires heat to form RDTs, excellent finished tablet friability properties, will rapidly wet and disintegrate in the presence of moisture (**average dissolution for a 0.7g RDT is 60 seconds**). Excell-RDT is naturally sweetened with our TruClear Stevia Plus and contains our natural Bitter-Bloc™ Technology for optimal palatability.

What is Bitter-Bloc™ Technology?

Bitter-Bloc™ is the next generation technology protein to block flavor defects *Naturally*.

Other products on the market simply *mask* flavor defects, Bitter-Bloc™ *blocks* flavor defects from reaching taste receptors on the tongue to prevent the bitter molecules from binding with the receptor sites. In effect, it gives the product a cleaner taste. Bitter-Bloc™ is an organic, water-soluble protein that a validated 3rd party study shows it effectively modulates 18 of the 25 bitter taste receptors on the tongue, therefore maximizing the reduction in bitterness perception. Bitter-Bloc™ works to eliminate bitter, salty, metallic, astringent, and general off-notes in a variety of oral formulations.

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Rapid Dissolve Tableting Powder

BENEFITS:

- SUGAR-FREE
- LACTOSE-FREE
- GLUTEN-FREE
- NATURALLY SWEETENED
- RAPIDLY WETS AND DISINTEGRATES
- ENHANCED FRIABILITY PROPERTIES IN TABLET FORM
- FAST PREPARATION TIME (110°C / 17 MIN OR 80°C / 30 MIN)
- FORTIFIED WITH BITTER-BLOC™ TECHNOLOGY
- NON-GMO CERTIFIED INGREDIENTS
- PRESERVATIVE AND DYE FREE
- EXTENDED BEYOND-USE DATING (BUD) PER USP <795>
- FREE FROM SOY, DAIRY, TREE NUTS, SUGAR, PEANUTS, OR WHEAT
- CLASSIFIED GRAS STATUS INGREDIENTS

Available Sizes: Naturally Sweetened	
SKU	Size
B0230-40	100g
B0230-50	500g
B0230-62	2 Kg
B0230-65	5 Kg
B0230-70	10Kg

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Technical Data Sheet

CATEGORY	A free-flowing rapidly dissolving oral tablet powder base formulated specifically to be lactose-free, sugar-free, readily disintegrates in the presence of moisture and maintain excellent friability properties in the tablet form. Requires heating to achieve tablet form. Anhydrous.
INGREDIENTS	Proprietary pharmaceutical grade tablet powder blend that includes a natural sweetener (TruClear Stevia Plus), specifically selected excipients for their particle size and physical properties to perform for the intended application. Includes our Bitter-Bloc™ flavor enhancer for optimal palatability.
ALLERGY	Per the 2004 Food Allergen Labeling and Consumer Protection Act, no allergen declarations are required for this product as relating to milk, egg, tree nut, fish, crustacean shellfish, wheat, peanuts, and soybeans. Gluten-free, non-GMO/vegan compliant.
TECHNICAL DATA	Description: White free-flowing powder Shelf Life: 2 years from date of manufacture when stored in its original, unopened container. Density, at 25°C approx. 0.61 g/cm ³ . API Load: Variable dependent on API/particle size. Recommended to test carrying capacity with small subset trial run with API(s) of interest to determine finished dose friability and compatibility considering temperature and heating duration parameters requirements for specific API(s) and dose. Recommend API load start: ≤40% with maintaining ≥60% excipients total (includes additional powder flavors, sweeteners, etc.)
SAFETY DATA	All ingredients classified as “Generally Recognized As Safe” (GRAS) and inactive excipient ingredients by the US FDA. For information on the toxicology and safety of this product, please consult the material safety data sheet (MSDS).
HANDLING AND STORAGE	Comment: Due to some fine particles, this product is liable to become compacted or conglomerated. Storage Conditions: Product can be stored at ambient conditions for temperature, pressure, and humidity. Product should be kept in a tightly sealed container, under cool and dry conditions.
COMMENTS	This information reflects US requirements for ingredients and allergy declarations. SpecializedRx makes no warranties or claims to the accuracy or completeness of the above information given the variations in use and formulations.