

DisperseRx™ Ultra Fine Powder

Nasal Nebulization and Irrigation Base

DisperseRx™ Ultra Fine Powder - For patients suffering from chronic, recurrent or resistant sinus conditions, DisperseRx™ can make a world of difference. This innovative powder base was formulated for nasal nebulization and irrigations with versatile excipients that can be used with numerous active pharmaceutical ingredients (APIs). DisperseRx™ contains functional ingredients that go right to the desired site of action. It is a proprietary blend of excipients having a specific particle size and solubility ideally suited for this intended use.

DisperseRx™ Ultra Fine Powder was formulated to be a free-flowing excipient that is easily workable, saving the compounder time, extra steps, and costs.

Benefits:

- Even Particle Distribution: Consistent uniform particle size offers improved API distribution when blended.
- Improved API Dissolution: Enhances the dissolution of many APIs, including poorly soluble drugs, potentially leading to improved bioavailability.
- Improved Flow Characteristics: Easily spreads across fill plates taking less time to compound versus other competing products on the market.
- Improved Stability: Formulated to resist clumping impeding flowability for improved working time.
- Classified GRAS status ingredients.
- Rapidly Dissolves in water.

Formulated Without:

<ul style="list-style-type: none"> • Lactose • Gluten • Casein • Soy • Cellulose • Tree Nuts 	<ul style="list-style-type: none"> • Dye • Sugar • Sodium Lauryl Sulfate (SLS) • Magnesium Stearate
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Available Sizes:

SKU	Size
B0246-40	100g
B0246-50	500g
B0246-62	2 Kg
B0246-65	5 Kg

- **Capsule Packing Statistics:** Results may vary slightly from person to person due to a variety of factors. Weights listed in grams (g) per capsule.

Capsule Size	#5	#4	#3	#2	#1	#0	#00	#000
DisperseRx™ UFP	0.098	0.156	0.224	0.269	0.363	0.497	0.708	1.071

** For optimal functionality, SRx recommends ≥ 75% DisperseRx to be used as filler (≤ 20-25% API). Aqueous dilution will vary based on target API concentration in the finished dose.

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Technical Data Sheet

CATEGORY	An especially versatile nasal nebulization and irrigation fine powder base containing specifically sourced GRAS excipients.
INGREDIENTS	Proprietary pharmaceutical grade excipients including xylitol and specifically selected propoxylated glycols formulated for the intended use.
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, peanuts, and soybeans. Vegan compliant.
TECHNICAL DATA	Description: White to off white free-flowing powder Shelf Life: 2 years from date of manufacture when stored in its original, unopened container. Bulk Density, at 25°C approx. 0.77 g/cm ³ .
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 the fine particle size, 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.