

## DisperseRx™ UFP

### Nasal Base

**DisperseRx™ UFP** (Ultra Fine Powder) is an ideal nasal base for patients suffering from chronic or resistant sinus conditions. This innovative powder was formulated for nasal sprays, atomization, nebulizers, and irrigations with versatile excipients that can be used with numerous active pharmaceutical ingredients (APIs). DisperseRx™ UFP contains functional ingredients that enhance API dissolution and may improve bioavailability to the application pathway. It is a proprietary blend of excipients having a specific particle size and solubility ideally suited for this intended use.

DisperseRx™ UFP was formulated to remain free-flowing (resists clumping and agglomeration) and is easily workable when stored as recommended, saving the compounder time, extra steps, and costs. Contains xylitol.

SKU	Size	NDC/Reference No.
B0246-40	100 g	72467-0246-40
B0246-50	500 g	72467-0246-50
B0246-60	2.5 kg	72467-0246-60
B0246-65	5 kg	72467-0246-65

#### 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
- ✓ Excellent flow characteristics: easily spreads across fill plates taking less time to compound versus other competing products on the market
- ✓ Classified GRAS status ingredients
- ✓ Rapidly dissolves in water

#### Formulated Without:

- Lactose
- Gluten
- Casein
- Soy
- Tree Nuts
- Dye
- Sugar
- Sodium Lauryl Sulfate (SLS)

#### Capsule Packing Statistics

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 approximately 75% DisperseRx™ UFP to be used as filler ( $\leq 20\text{-}25\%$  API). Aqueous dilution will vary based on target API concentration in the finished dose. Results may vary slightly from person to person due to a variety of factors. Weights listed in grams (g) per capsule.*

<b>Category</b>	Nasal Base
<b>Appearance</b>	White to off-white free-flowing powder
<b>Description</b>	DisperseRx™ UFP is an especially versatile nasal nebulization and irrigation fine powder base containing specifically sourced GRAS excipients.
<b>Ingredients</b>	Proprietary pharmaceutical grade excipients including xylitol and specifically selected propoxylated glycols formulated for the intended use.
<b>Allergy</b>	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.
<b>Technical Data</b>	Shelf Life: 2 years from date of manufacture when stored in original, unopened container. Density at 25 °C: approx. 0.77 g/cm <sup>3</sup>
<b>Safety Data</b>	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).
<b>Handling &amp; Storage</b>	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.
<b>Comments</b>	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.