

SuspendRx™ Anhydrous Oral Suspension Vehicles

With Bitter-Bloc™ Technology

SuspendRx Anhydrous oral suspension vehicles allow for easy compounding of lipophilic, water-unstable APIs, or where aqueous stability of a drug in suspension is unknown. SuspendRx Anhydrous is an elegant, mild to no taste or smell, easy to use, white opaque plant-based oral suspension vehicle. This vehicle primarily utilizes triglycerides that are resistant to oxidation and are naturally preservative-free. SuspendRx Anhydrous gives pharmacists the convenience of a universal suspension vehicle with excellent suspending properties and stability profile including 180-day beyond-use dating (BUD) per USP <795>. With adults, children, and pets in mind, SuspendRx Anhydrous is allergen, dye, gluten, sugar, and antioxidant BHT free.

SuspendRx SF Anhydrous Unsweetened and Sweetened are both pharmaceutical grade suspension vehicles that contain only natural plant-based ingredients. Both unsweetened and sweetened forms have a smooth mouthfeel and are fortified with our 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 that 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.

SuspendRx™ Anhydrous Oral Suspension Vehicle

- ✓ Available Unsweetened, Sweetened Unflavored, & Flavored **NEW!**
- ✓ Pediatric/Geriatric Compounding
- ✓ HRT Compounding
- ✓ Veterinary Compounding

HIGHLIGHTS:

- ELEGANT PALATABILITY
- PHARMACEUTICAL GRADE
- NATURAL PLANT BASED INGREDIENTS
- OXIDATION RESISTANT
- MILD TO NO TASTE OR SMELL
- FORTIFIED WITH BITTER-BLOC™ TECHNOLOGY
- NON-GMO CERTIFIED INGREDIENTS
- KOSHER CERTIFIED INGREDIENTS
- PRESERVATIVE AND DYE FREE
- ALLERGEN-FREE / GLUTEN-FREE
- MISCIBLE WITH ETHANOL
- WATER AND OIL MISCIBLE FLAVOR READY
- 180-DAY BEYOND-USE DATING (BUD) PER USP <795>
- FREE FROM CORN, SOY, DAIRY, TREE NUTS, SUGAR, PEANUTS, OR WHEAT

SuspendRx™ Anhydrous Unsweetened

SKU	Size
B0100-80	500 ml
B0100-85	4 L
B0100-87	4x4L

SuspendRx™ Anhydrous Sweetened

SKU	Size
B0104-80	500 ml
B0104-85	4 L
B0104-87	4x4L

SuspendRx™ Anhydrous Oral Suspension Vehicles

Unsweetened / Sweetened

With Bitter-Bloc™ Technology

Technical Data Sheet

CATEGORY	SuspendRx Anhydrous Unsweetened and Sweetened are oral suspension vehicles used to compound oral medications where an anhydrous suspension vehicle is desired. Solubility and bioavailability enhancement. For compounding oral pediatric, geriatric, HRT, and veterinary medications.
INGREDIENTS	Unsweetened: Medium Chain Triglycerides (MCT), Lipids, Glyceryls, Bitter-Bloc™(Natural Flavor). Sweetened: Medium Chain Triglycerides (MCT), Lipids, Glyceryls, Bitter-Bloc™(Natural Flavor), Stevia (TruClear Stevia Plus™). (Sugar and artificial sweetener free)
ALLERGY	Per the 2004 Food Allergen Labeling and Consumer Protection Act, no allergen declarations are required for this product as relating to corn, milk, egg, tree nuts, fish, crustacean shellfish, wheat, peanuts, gluten, and soybeans.
TECHNICAL DATA	Description: white opaque liquid Shelf Life: 2 years from date of manufacture when stored in its original, unopened container in a cool dry place. Ingredients are naturally oxidation resistant. Density approx. 0.98 g/ml. Triglycerides Acid Value Specification is ≤ 0.20 mgKOH/g. Melting point / range $< -5^{\circ}\text{C}$. Viscosity 80-170 cP. Water Activity (A_w) ≤ 0.6 (Typical $< 0.4A_w$). Total Plate Count, Aerobic $< 10^3$ CFU/g (Typical < 10 CFU/g). Use of high shear produced from a homogenizer is not recommended and could adversely affect the suspending properties.
SAFETY DATA	All ingredients classified as "Generally Recognized As Safe" (GRAS) and inactive excipient ingredients by the US FDA.
HANDLING AND STORAGE	Comment: Shake well prior to use. Storage Conditions: Product can be stored at ambient conditions for temperature 18-26°C, pressure, and humidity. Product should be kept in a tightly sealed container, under cool and dry conditions.
COMMENTS	MSDS is available upon request. Some studies have shown this product is not compatible with Ciprofloxacin and Erythromycin. Product may dissolve graduated ink markings on certain dispensing syringes. Care should be taken to prevent contact with markings and labels. Certain syringe plungers are not compatible with anhydrous suspension vehicles similar to SuspendRx Anhydrous. Oral syringes SRx offers are compatible. Contact an SRx Representative for questions and further use guidance. Email: sales@specializedrx.com