

Techna 20 SF™ Troche Base w/Bitter-Bloc Technology

Techna 20 is sugar-free, naturally sweetened with our TruClear Stevia Plus™, PEG formulated base that has a soft mouth-feel and includes natural suspending agents as well as other natural flavor enhancers. Techna 20 also contains a natural bitterness blocking technology that is clinically proven to block off-notes from many APIs at oral receptor sites. Techna 20 SF Troche Base is ready for the addition of actives, flavors, and colors.

Rx:

Techna 20 SF™ Troche Base	qs
Active Drug	qs
Sweetener (to preference)	qs
Flavor	qs
Color	qs

1. Calculate the quantity of each ingredient for the total amount to be prepared.
2. Accurately weigh/measure each ingredient. It is recommended that you compound placebos to determine the average total base amount required. Note the API temperature degradation threshold.
3. Melt the Techna 20 at 42-46°C. Do not overheat at high temperatures.
4. Once the Techna 20 reaches a working temperature appropriate for the active(s) used, add API(s) into the melted base, prevent clumping, and ensuring addition is uniform before adding additional powder while maintaining a good working temperature. Mix thoroughly.
5. Once the API(s) have been added, incorporate additional sweetener, flavor and color to preference and mix well.
6. Pour the mixture into the SmartScripps™ Troche Molds, quickly filling each cavity.
7. Set times will vary but should be between 5-10 minutes.

Formulas and procedure should be adjusted base on use and the variety / quantity of ingredients to be used.

Equipment Required:

- Hot plate/stirrer
- Beaker
- Stir bar
- Thermometer
- Glass stir rod
- Balance
- SmartScripps™ Troche Molds

Storage Requirements: Can be stored at room temperature.

Disclaimer: Specialized Rx makes no warranties or claims to the accuracy or completeness of the above information given the variations in use and formulations.

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Technical Data Sheet

CATEGORY	<p>A sugar-free troche base that incorporates a unique natural bitter blocking technology for use in lozenge type oral/buccal cavity preparations. Enhanced with natural sweeteners and suspending agents, it is ideally suited for buccal absorption of APIs. Additional flavors, colors, and sweeteners can be easily incorporated.</p> <p>To compound, heat Techna 20 SF to 45°C until liquified. Add APIs to liquid and mix uniformly. Pour into SmartScripps Troche Mold and allow to cool to room temperature.</p>
INGREDIENTS	A proprietary Polyethylene Glycol blend that includes a natural sweetener, thickening / suspending agents and flavor enhancers.
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.
KOSHER STATUS	N/A
TECHNICAL DATA	<p>Description: White to off-white granular powder</p> <p>Melting range: 42-46°C</p> <p>Shelf Life: 3 years from date of manufacture when stored in its original, unopened container.</p> <p>Density, g/cm³ at 60°C approx. 1.09</p>
SAFETY DATA	All ingredients classified as “Generally Recognized As Safe” (GRAS) and inactive excipient ingredients by the US FDA.
HANDLING AND STORAGE	<p>Comment: Due to some fine particles, this product is liable to become compacted.</p> <p>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.</p>
COMMENTS	