



**NATIONWIDE CHILDREN'S**  
*When your child needs a hospital, everything matters.™*

**Pharmacy**

Drug Name	Route	Dosage Form	Concentration
Cholestyramine/Petrolatum	Topical	Ointment	20%

<b>Formula Qty: 100gram</b>	<b>Shelf Life: 180 days</b>
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**Equipment needed:**  
 Scale, mortar and pestle OR ointment slab OR mixer, large spatula, ointment jar

**Auxiliary labeling/Storage: External Use Only**  
 Dispense as 100gm in 4 ounce ointment jars.

**Directions:**

1. Weigh out powder and place on ointment slab.
2. Weigh out petrolatum ointment base and place separately on ointment slab.
3. Geometrically incorporate the powder into the ointment, pressing down hard with the large spatula to mix

*Alternative Method*

1. Weigh out powder and place in large mortar.
2. Weigh out petrolatum ointment base and leave on weighing paper
3. Using spatula, place small amount of base into mortar, mix well with pestle. Continue incorporating ointment into powder with mortar, mixing well. Scrape off mortar and finish mixing with large spatula.

*Large Batch Method*

1. Weigh out powder and place in large beaker with pouring spout or weighing boat.
2. Weigh out petrolatum ointment base, place into bowl for Kitchen-aid mixer.
3. Using whisk blade, slowly pour the powder in small increments into the ointment base while mixing on low speed. After all the powder is incorporated, increase speed to mix well, then remove blade and use large spatula to scrape sides of bowl for final mix.

**Note:** The concentration of anhydrous cholestyramine may vary among different generic Questran light powder brands, requiring recalculation of formula. This formulation is based on the use of PAR PHARMACEUTICAL brand of Questran Light, which contains 4gm of anhydrous cholestyramine in 5gm of powder per packet.

Ingredients	QS	Quantity	Units
Cholestyramine light powder (80% anhydrous) PAR		25	Gram
Petrolatum ointment base		75	Gram

**Citations/References**

- 1.Meenu Thachet 832-822-5546. Cholestyramine 20% Ointment formulation 1991. Technique revised to eliminate heating ointment base. Texas Baylor Children's Hospital. 2007; March):1-
- 2.White CM; Gailey RA; Lippe S. Cholestyramine Ointment to Treat Buttocks Rash and Anal Excoriation in an infant. Annals of Pharmacotherapy. 1996; ():954-956

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