**Drug Name** | **Route** | **Dosage Form** | **Concentration**
--- | --- | --- | ---
Hydrocortisone/Neomycin | Rectal | Enema | 10mg-8.35mg/mL

**Formula Qty:** 1000mL  |  **Shelf Life:** 30 days

**Equipment needed:**
Conical graduate, two GLASS mortars and pestles

**Auxiliary Labels/Storage:** Room Temperature; Shake Well; For Rectal Use Only

**Directions:**

1. Prepare the vehicle by combining the 0.9% NaCl, Methylcellulose 1%, and the Polysorbate 80.
2. Wet the hydrocortisone powder in a GLASS mortar with a minimal amount of the vehicle and levigate to form a viscous, but smooth and uniform paste.
3. Continue adding enough vehicle (about 100ml total) geometrically, mixing well after each addition, to make a suspension.
4. In a separate clean GLASS mortar, wet the neomycin powder with a minimal amount of vehicle and levigate to form a viscous, but smooth and uniform paste.
5. Continue adding vehicle to the neomycin mixture (about 100ml total), geometrically, mixing well after each addition, to make a suspension.
6. Combine both suspensions in a large graduate, stirring well.
7. Rinse both mortars with vehicle, adding the rinse to the graduate, until almost final volume.
8. QS to final volume with vehicle. Stir well.

**Ingredients**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>QS</th>
<th>Quantity</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrocortisone USP Powder</td>
<td>10</td>
<td>Gram</td>
<td></td>
</tr>
<tr>
<td>Neomycin Sulfate Powder</td>
<td>8.35</td>
<td>Gram</td>
<td></td>
</tr>
<tr>
<td>Polysorbate 80 NF</td>
<td>10</td>
<td>mL</td>
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</tr>
<tr>
<td>Methylcellulose 1%</td>
<td>495</td>
<td>mL</td>
<td></td>
</tr>
<tr>
<td>NaCl 0.9%</td>
<td>495</td>
<td>mL</td>
<td></td>
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</tbody>
</table>

**Citations/References**


Reviewed: 3/22/2010 JEB

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