Drug Name | Route | Dosage Form | Concentration
--- | --- | --- | ---
Hydroxyurea | Oral | Syrup | 100mg/mL

**Formula Qty:** 500mL  
**Shelf Life:** 90 days

**Equipment needed:**  
Magnetic stirring rod and plate, large beaker, graduated cylinder, filter paper, scale, gloves, mask, biological safety cabinet or vertical air flow hood

**Auxiliary Labels/Storage:** Room Temperature  
Do not refrigerate; may form crystals under refrigeration.

**Directions:**
1. Transfer one 50gram bottle of hydroxyurea to a beaker.
2. Reconstitute hydroxyurea powder with small increments of sterile water for irrigation, mixing well until all powder is dissolve.
3. QS to final volume with simple syrup. Stir well.

**Note:** **CONTACT PRECAUTIONS REQUIRED** Must be prepared in a biological safety cabinet with proper personal protective equipment

This formulation may also be made using hydroxyurea capsules; however the solution must be stirred vigorously for several hours and then filtered to remove all excipients. Make in batches of 50 grams to avoid having to weigh out hydroxyurea powder.

**Ingredients**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>QS</th>
<th>Quantity</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydroxyurea USP Powder</td>
<td>Gallipot</td>
<td>50</td>
<td>Grams</td>
</tr>
<tr>
<td>Sterile Water for Irrigation</td>
<td></td>
<td>250</td>
<td>mL</td>
</tr>
<tr>
<td>Simple Syrup NF</td>
<td></td>
<td>X 500</td>
<td>mL</td>
</tr>
</tbody>
</table>

**Citations/References**


Reviewed: 9/1/2010 JEB

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