Drug name: Hydroxyurea  
Concentration: 100 mg/mL  
Route: Oral  
Volume: 250 mL  

Dosage Form: Solution  
Shelf Life: 90 days  
Storage: Room Temperature  
Auxiliary Labeling: Shake Well, Do Not Refrigerate

### Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>QS</th>
<th>Quantity</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydroxyurea Powder, USP</td>
<td></td>
<td>25</td>
<td>g</td>
</tr>
<tr>
<td>Sterile Water, USP</td>
<td></td>
<td>125</td>
<td>mL</td>
</tr>
<tr>
<td>Simple Syrup, USP</td>
<td>X</td>
<td>250</td>
<td>mL</td>
</tr>
</tbody>
</table>

### Directions:

1. Mix powder in glass beaker with small geometric increments of sterile water, using constant vigorous mixing for several hours until powder is thoroughly dissolved.
2. Add simple syrup geometrically until almost final volume, mixing well.
3. Add QS with simple syrup to final volume (250 mL).

### Notes:

- Should not be refrigerated as crystals will form.
- Personal protection equipment should be utilized and prepared in biological safety cabinet.

### References:


Reviewed: April 14, 2013; JR/SC

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