**Drug Name** | **Route** | **Dosage Form** | **Concentration**  
---|---|---|---
Dantrolene | Oral | Suspension | 25mg/5mL  

**Formula Qty:** 100mL  
**Shelf Life:** 30 days  

**Equipment needed:**  
Mortar and pestle, scale, small and large graduate, stirring rod  

**Auxiliary labeling/Storage:** Shake Well; Refrigerate (preferred) or Room Temperature  

**Directions:**  
1. Weigh citric acid powder. Place in small graduate and dissolve in purified water.  
2. Empty contents of capsules into mortar and triturate to a fine powder.  
3. Wet powder with a minimal amount of simple syrup and levigate to form a viscous, but smooth and uniform paste.  
4. Add citric acid solution to mortar, mixing well.  
5. Pour into graduate.  
6. QS to final volume with simple syrup. Stir well.  

**Ingredients**  
<table>
<thead>
<tr>
<th>Ingredient</th>
<th>QS</th>
<th>Quantity</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citric Acid USP</td>
<td>0.15</td>
<td>Gram</td>
<td></td>
</tr>
<tr>
<td>Dantrolene 50mg Capsules</td>
<td>10</td>
<td>Capsule</td>
<td></td>
</tr>
<tr>
<td>Purified Water USP</td>
<td>10</td>
<td>mL</td>
<td></td>
</tr>
<tr>
<td>Simple Syrup NF</td>
<td>X</td>
<td>100 mL</td>
<td></td>
</tr>
</tbody>
</table>

**Citations/References**  
2. Toronto Children’s Hospital for Sick Kids Experience. Stability testing done at Toronto Children’s [www.sickkids.com](http://www.sickkids.com) shows 30 day stability at room temp. Their formulation uses citric acid 25% solution vs. citric acid USP powder, both=0.15 grams. February 17, 2006.  
Reviewed: 3/12/2010 TF  

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