**Drug Name**  
Potassium Perchlorate

**Route**  
Oral

**Dosage Form**  
Syrup

**Concentration**  
10mg/mL

**Formula Qty:** 250mL  
**Shelf Life:** 180 days

**Equipment needed:**  
Microwave, beaker, stirring rod, 15mL amber bottles

**Auxiliary Labels/Storage:** Room Temperature; For Nuclear Medicine Use Only

**Directions:**
1. Heat distilled water in a beaker.
2. Dissolve potassium perchlorate crystals in the HOT distilled water.
3. Add sodium benzoate and stir to dissolve.
4. QS to final volume with simple syrup. Stir well.
5. Repackage 10mL of syrup into 15mL amber vials and label.

**Note:** Cherry syrup can be substituted for simple syrup.

**Ingredients**  

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>QS</th>
<th>Quantity</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Perchlorate Powder</td>
<td>2.5</td>
<td>gram</td>
<td></td>
</tr>
<tr>
<td>Sodium Benzoate Powder</td>
<td>0.25</td>
<td>gram</td>
<td></td>
</tr>
<tr>
<td>Distilled Water</td>
<td>62.5</td>
<td>mL</td>
<td></td>
</tr>
<tr>
<td>Simple Syrup</td>
<td>X</td>
<td>250 mL</td>
<td>mL</td>
</tr>
</tbody>
</table>

**Citations/References**

Reviewed: 4/6/2010 JEB

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