**Propylthiouracil**

<table>
<thead>
<tr>
<th>Drug Name</th>
<th>Route</th>
<th>Dosage Form</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylthiouracil</td>
<td>Oral</td>
<td>Suspension</td>
<td>5mg/mL</td>
</tr>
</tbody>
</table>

**Formula Qty:** 200mL  
**Shelf Life:** 91 days

**Equipment needed:**  
Mortar, pestle, graduated cylinder, stirring rod

**Auxiliary Labels/Storage:** Shake Well; Refrigerate  
Room Temperature stability = 70 days

**Directions:**
1. Crush tablets in a mortar and triturate to a fine powder.
2. Wet powder with a minimal amount of vehicle and levigate to form a viscous, but smooth and uniform paste.
3. Continue adding vehicle, geometrically, mixing well after each addition.
4. Transfer to a graduate.
5. Rinse mortar with vehicle, adding rinse to graduate.
6. 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>Propylthiouracil 50mg Tablets</td>
<td></td>
<td>20</td>
<td>Tablets</td>
</tr>
<tr>
<td>Ora-Blend (or 1:1 Ora-Plus/Ora-Sweet)</td>
<td>X</td>
<td>200</td>
<td>mL</td>
</tr>
</tbody>
</table>

**Citations/References**

Reviewed: 4/6/2010 JEB

---

**Nationwide Children’s Hospital Disclaimer**

The information provided on this site is for educational and informational purposes and may not be relied upon to direct or provide care to a patient. This material is not intended as a substitute for consulting health care professionals. The health care professionals remain solely responsible to provide and direct patient care. The information contained on this site may not be up to date due to more recent medical developments. The preparation, dispensing, and administration of pharmaceuticals is and remains the responsibility of licensed medical professional or pharmacist. Nationwide Children's Hospital assumes no liability for any injury and/or damage to persons from use of any information contained on this site.