

Pharmacy

Drug Name	Route	Dosage Form	Concentration
Propylthiouracil	Oral	Suspension	5mg/mL

Formula Qty: 200mL	Shelf Life: 91 days
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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	QS	Quantity	Units
Propylthiouracil 50mg Tablets		20	Tablets
Ora-Blend (or 1:1 Ora-Plus/Ora-Sweet)	X	200	mL

Citations/References

- 1. Nahata MC, Morosco RS, Trowbridge JM. Stability of Propylthiouracil in Extemporaneously Prepared Oral Suspensions at 4 and 25 C. Am J Health-Syst Pharm. 2000; (57): 1141-1143.
- 2. Nahata MC, Pai VB, Hipple TF. Propylthiouracil. Pediatric Drug Formulations. 2004 (5): 234.

Reviewed: 4/6/2010 JEB

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