

Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name:	Hydroxyurea	Dosage Form:	Solution
Concentration:	100 mg/mL	Shelf Life:	90 days
Route:	Oral	Storage:	Room Temperature
Volume:	250 mL	Auxiliary Labeling:	Shake Well, Do Not Refrigerate

Ingredients	QS	Quantity	Units
Hydroxyurea Powder, USP		25	g
Sterile Water, USP		125	mL
Simple Syrup, USP	X	250	mL

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:

- Nahata MC, Pai VB. *Pediatric Drug Formulations*. 6th ed. Cincinnati, OH: Harvey Whitney Book; 2011.

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