



NATIONWIDE CHILDREN'S
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Pharmacy

Drug Name	Route	Dosage Form	Concentration
Glutamine	Oral	Suspension	500mg/mL

Formula Qty: 60mL	Shelf Life: 30 days
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Equipment needed: Glass mortar and pestle, graduated cylinder, stirring rod, amber prescription bottle
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Auxiliary Labels/Storage: Shake Well; Refrigerate No studies on room temperature storage.

Directions: <ol style="list-style-type: none">1. Place glutamine in a clean glass mortar, triturate to a fine powder.2. In a graduate, combine the sterile water, Ora-Plus, and Ora-Sweet to make a 1:1:2 mixture.3. Wet powder with a minimal amount of liquid mixture and levigate to form a viscous, but smooth and uniform paste.4. Continue adding liquid mixture geometrically, mixing well after each addition, and rinse mortar with 1:1:2 mixture.5. Transfer suspension graduated cylinder, QS to final volume with 1:1:2 mixture. Mix well. <p>Note: If using glutamine packets: a 15gm packet contains 10gm of glutamine (Baxter or Cambridge) Base formula uses 3 packets or 30 grams of glutamine.</p> <p>Final Product Description: Very thick, opaque, white suspension. No discernible smell. <i>This description is for exact products and manufacturers specified below and may vary with substitutions.</i></p>
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Ingredients	QS	Quantity	Units
L-Glutamine Powder <i>Fagron</i>		30	Gm
Ora-Plus		15	mL
Ora-Sweet		30	mL
Sterile Water for Irrigation		15	mL

Citations/References Nahata MC, Pai VB, Pediatric Drug Formulations, 6 th edition, 2011.

Reviewed: 7/9/15 EAM

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