

sodium bicarbonate 8.4% Oral Solution

Batch No:

Department of Pharmacy

Ingredients	Mfr	Lot #	Expiry	Quantity	Measured	Checked
			Date			
sodium bicarbonate				168 g		
Powder USP						
NaHCO ₃ = 84.01						
sterile water for				q.s.2000 mL		
irrigation USP or distilled						
water						

Additional Information:

If make a small volume can stir by hand. Could possibly precipitate if in fridge.

Equipment:

spatula glass stirring rod hot/stirring plate

electronic balance magnetic stirrer

stainless steel graduated measure

Procedure:

Follow your Dept. procedures for risk assessment/training/PPE/equipment/facilities/NAPRA level

- 1. Weigh powder directly into the stainless steel graduate on the electronic balance.
- 2. Then q.s. with sterile water for irrigation or distilled water and stir well until partially dissolved.
- 3. Place the metal graduate on the magnetic stirring plate and put a clean magnetic bar into the solution. Turn stirrer up slowly just to get the magnetic bar to spin without any splashing or making noise. Stir only until all powder is dissolved (about 10 minutes). Or, if don't have magnetic stirrer, then stir by hand until all powder is dissolved.
- 4. Transfer to amber glass bottles. Label.

Quality Control:

Expected Product Appearance	Additional Notes
Clear solution	

Storage:	Room temperature
Packaging:	Amber glass bottles
BUD:	14 days

Sample Label:

SickKids	sodium bicarbonate 8.4% Oral Suspension (contains Na 1mMol/mL)			
THE HOSPITAL FOR SICK CHILDREN Department of Pharmacy	Lot:	BUD:		
	Room Temperature			

Date Made/Prepared By/Checked By:

Reference:

1. Data on file.

Formulation Reviewed: October, 2020

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