



Sodium Bicarbonate

8.4% Oral Solution

(Na + 1mmol/mL)

Last updated: June, 2017

Batch No: _____

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Ingredients	Mfr	Lot #	Expiry Date	Quantity	Measured	Checked
Sodium Bicarbonate Powder USP NaHCO ₃ = 84.01				84g		
Sterile Water for Irrigation USP				qs 1000mL		

It is recommended that this compounded sodium bicarbonate recipe be used as use of large amounts of injection could result in shortages. Once made, product is a clear solution.

Equipment

- 30mL graduated measure
- spatula
- electronic balance
- magnetic stirrer
- hot/stirring plate
- gloves x 1
- glass stirring rod
- mask x 1
- stainless steel beaker
- 5mL oral syringe
- mushroom cap x 1
- 250mL amber bottles x 4
- shrink seals
- 1000mL graduated measure

✓ Procedure

1. Wearing gloves and a mask, weigh 84g of Sodium Bicarbonate Powder in a 1000mL metal graduate on the Electronic balance.
2. Add sterile water for irrigation to the 1000 mL mark.
3. Place the metal graduate on the magnetic stirring plate and place a clean magnetic bar into the solution. Turn stirrer on, making sure it stirs without splashing or making noise. Stir until all powder is dissolved (about 15 - 20 minutes).
4. Withdraw 5mL of solution into a 5mL oral syringe for Clinical Chemistry test (if applicable to your institution).
5. Label.

Storage: Room Temperature in **amber glass** bottles

BUD: 14 days

Sample Label:

	SODIUM BICARBONATE 8.4% ORAL SOLUTION (NA + 1MMOL/ML)	
	L#	BUD:
	ROOM TEMPERATURE	SHAKE WELL

Date and Signatures of Technician and Pharmacist: _____