Sodium Bicarbonate
8.4% Oral Solution
(Na + 1mmol/mL)

Last updated: June, 2017

Batch No: ________________

Disclaimers: CAUTION: The information on The Hospital for Sick Children World Wide Web Site has been developed specifically for The Hospital for Sick Children. It is provided for informational purposes for qualified health care professionals. This material is not intended as a substitute for consulting qualified health care professionals. Patient circumstances will vary and some information may have become outdated as a result of more recent medical developments.

Ingredients

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Mfr</th>
<th>Lot #</th>
<th>Expiry Date</th>
<th>Quantity</th>
<th>Measured</th>
<th>Checked</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Bicarbonate Powder USP NaHCO₃ = 84.01</td>
<td></td>
<td></td>
<td></td>
<td>84g</td>
<td></td>
<td></td>
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<tr>
<td>Sterile Water for Irrigation USP</td>
<td></td>
<td></td>
<td></td>
<td>qs 1000mL</td>
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</tbody>
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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
- magnetic stirrer
- stainless steel beaker
- 1000mL graduated measure
- hot/stirring plate
- 5mL oral syringe

✓ 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:

<table>
<thead>
<tr>
<th>SickKids Pharmacy</th>
<th>SODIUM BICARBONATE 8.4% ORAL SOLUTION (NA + 1MMOL/ML)</th>
<th>L#</th>
<th>BUD:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ROOM TEMPERATURE</td>
<td>SHAKE WELL</td>
<td></td>
</tr>
</tbody>
</table>

Date and Signatures of Technician and Pharmacist: ___________________________________________