

The following method would be used to prepare 200 ml of sodium bicarbonate solution 0.5 mmol/ml from the formula above:

1. Weigh 8.4 g Sodium Bicarbonate BP on a Class II or electronic balance.
 2. Measure approximately 100 ml of freshly boiled and cooled purified water and transfer to a beaker.
 3. Add the Sodium Bicarbonate BP to the water in the beaker.
 4. Stir to aid dissolution.
 5. Transfer to a 250 ml conical measure with rinsings.
 6. Make up to volume with freshly boiled and cooled purified water.
 7. Transfer to a 200 ml amber flat medical bottle with a child-resistant closure and label.
5. A plain amber bottle with a child-resistant closure would be most suitable as the preparation is a solution for internal use.
- 6.
- a. The product is unofficial, therefore the following title would be suitable: 'Sodium Bicarbonate BP solution 0.5 mmol/ml'.
- b. The product is unofficial, therefore it is necessary to put the quantitative particulars on the label. As the product is intended for internal use, the quantitative particulars would be expressed per dose.
- Each 10 ml dose contains:
- | | |
|--|----------|
| Sodium Bicarbonate BP | 420 mg |
| Freshly boiled and cooled purified water | to 10 ml |
- or
- Each 10 ml dose contains:
- | | |
|--|----------|
| Sodium Bicarbonate BP | 5 mmol |
| Freshly boiled and cooled purified water | to 10 ml |
- c. Not applicable.
- d. 'Give 10 ml using the oral syringe provided TWICE daily with feeds.'
- e. Not applicable.
- f. 2 weeks as there is no preservative present.
- g.

Sodium Bicarbonate BP Solution 0.5mmol/ml	200 ml
Give 10 ml using an oral syringe TWICE daily with feeds.	
Do not use after (2 weeks)	
Each 10 ml contains:	
Sodium Bicarbonate BP	420 mg
Freshly boiled and cooled purified water	to 10 ml
Miss Julie Jordan	Date of dispensing

7. The parent/guardian would be shown how to use the oral syringe and instructed to give 10 ml using the oral syringe twice daily with feeds. In addition, the discard date would be highlighted to the parent/guardian.