

dissolution, it is important to consider the total amount of each liquid ingredient in the preparation to ensure that only the correct amounts are added or the final product does not go over volume.

3. Weigh 7.5 g of Light Magnesium Carbonate BP on a Class II or electronic balance.
 4. Weigh 12 g Sodium Bicarbonate BP on a Class II or electronic balance.
 5. Measure 3.75 ml of Concentrated Peppermint Emulsion BP using a 1 ml syringe and a 5 ml syringe.
 6. Measure 75 ml Double Strength Chloroform Water BP and transfer to a beaker.
 7. Add approximately 60 ml of potable water to the Double Strength Chloroform Water BP in the beaker in order to produce 135 ml of vehicle (in order to produce sufficient volume to dissolve the 12 g Sodium Bicarbonate BP).
 8. Transfer the Sodium Bicarbonate BP to the beaker and stir to aid dissolution.
 9. Transfer the Light Magnesium Carbonate BP to a porcelain mortar.
 10. Add a small amount of the sodium bicarbonate solution to the powder in the mortar to make a smooth paste.
 11. Slowly add the solution of sodium bicarbonate, mixing with a pestle to form a smooth pourable paste.
 12. Transfer the contents of the mortar to a 250 ml conical measure.
 13. Rinse out the mortar with more solution and add the rinsings to the conical measure.
 14. Add the Concentrated Peppermint Emulsion BP to the mixture in the conical measure.
 15. Make up to volume with any remaining solution and potable water.
 16. Stir and transfer to an amber flat medical bottle label and dispense.
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 official, therefore the following title would be suitable: 'Magnesium Carbonate Mixture BPC'.
 - b. Quantitative particulars are not required as the product is official.
 - c. 'Shake the bottle' will need to be added to the label as the product is a suspension and will need shaking before use to ensure an accurate dose is measured.
 - d. 'Take TWO 5 ml spoonfuls THREE times a day in water.'
 - e. Not applicable.
 - f. This product would be recently prepared as Double Strength Chloroform Water BP acts as a preservative and therefore would attract a 4-week discard date.