

The following method would be used to prepare 50 ml of zinc and talc lotion from the formula above:

1. Weigh 1 g Bentonite BP on a Class II or electronic balance.
 2. Transfer to a porcelain mortar.
 3. Weigh 12.5 g Zinc Oxide BP on a Class II or electronic balance.
 4. Add the Zinc Oxide BP to the Bentonite BP in the mortar using the 'doubling-up' method.
 5. Weigh 12.5 g Purified Talc BP on a Class II or electronic balance and add to the mortar using the 'doubling-up' method.
 6. Measure 2.5 ml Glycerin BP using a suitable syringe.
 7. Add the Glycerin BP to the powders in the mortar and mix to form a paste.
 8. Add some freshly boiled and cooled purified water to the powders to make a pourable paste.
 9. Transfer the pourable paste to a 50 ml conical measure.
 10. Rinse out the mortar using freshly boiled and cooled purified water and add the rinsings to the final measure.
 11. Make up to volume with freshly boiled and cooled purified water and stir.
 12. Transfer to an amber fluted bottle and label.
5. An amber fluted bottle with a child-resistant closure would be most suitable as the preparation is for external use.
 6.
 - a. The product is unofficial, therefore the following title would be suitable: 'The Lotion'.
 - b. Quantitative particulars are required as the product is unofficial. The quantitative particulars would be expressed per container:
 Each 50 ml contains:

Zinc Oxide BP	25%
Purified Talc BP	25%
Glycerin BP	5%
Bentonite BP	2%
Freshly boiled and cooled purified water	to 100%
 - c. 'For external use only' will need to be added to the label as the product is for external use.
 '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. 'Apply when required for itching'.
 - e. Not applicable.
 - f. This product would attract a 2-week discard date as it doesn't contain a preservative.