

Formulation questions

This section contains details of extemporaneous products to be made in the same way as the examples earlier in this chapter. For each example, provide answers using the following sections:

1. **Use of the product**
2. **Is it safe and suitable for the intended purpose?**
3. **Calculation of formula for preparation**
4. **Method of preparation**
 - a. Solubility where applicable
 - b. Vehicle/diluent
 - c. Preservative
 - d. Flavouring when appropriate
5. **Choice of container**
6. **Labelling considerations**
 - a. Title
 - b. Quantitative particulars
 - c. Product-specific cautions (or additional labelling requirements)
 - d. Directions to patient – interpretation of Latin abbreviations where necessary
 - e. Recommended *British National Formulary* cautions when suitable
 - f. Discard date
 - g. Sample label (you can assume that the name and address of the pharmacy and the words 'Keep out of the reach of children' are pre-printed on the label)
7. **Advice to patient**

16. You receive a prescription in your pharmacy with the following details:

Patient:	Mrs Sally Marlow, 12 George Street, Astonbury
Age:	34
Prescription:	Magnesium Carbonate Mixture BPC
Directions:	10 ml tds ex aq
Mitte:	150 ml

17. You receive a prescription in your pharmacy with the following details:

Patient:	Mr Edward Smith, 145 Oak Street, Astonbury		
Age:	57		
Prescription:	Ft Lotion		
	Zinc Oxide	25%	
	Purified Talc	25%	
	Glycerin	5%	
	Suspending Agent	qs	
	Water	to 100%	
Directions:	Apply prn for itching		
Mitte:	50 ml		