

Learning objectives

- Prepare and dispense mixtures of insoluble therapeutic agents
- Do so with correct methods (mortar and pestle)
- Generate appropriate documentation and labelling

Before commencing

- Check prescriptions for doses, legality etc.
- Complete the batch & prescription record
- Look up and record the solubilities of the ingredients

During preparation

- Choose appropriate equipment and container
- Make *up to volume* during measurement
- Storage requirement - What does APF say?

Batch Record

Name: Trimethoprim Mixture (CF) 10 mg/mL APF

Batch Number: SH-A006

Batch number	Ingredient	Formula	QD
123456	Trimethoprim	600 mg	2 tablets
123456	Vehicle for Oral Suspension USP NF	30 mL	30 mL
123456	Vehicle for oral solution USP NF	to 60 mL	to 60 mL

Dose Required

Jane weighs 15 kg

According to APF23:

- Treatment dose (for acute UTI): 3–4 mg/kg (max 150mg) 12-hourly
- Prophylaxis: 2mg/kg at night
- Why is the given dose a little low?

Could the patient have renal dysfunction? (Most likely)

N.B. Giving a sub-optimal might not be ideal because of multidrug-resistant bacteria.

Prescription Record

- Date: Today's Date
- Patient's Name: Jane Hannon
- Patient's Address: 18 Gordon St, Footscray
- Copy of prescription: As provided
- Batch No: .
- Prescriber: Leanne Tang
- Prescription No.: KD83011
- Dispensing Pharmacist: Your Initials

KEEP OUT OF REACH OF CHILDREN

SHAKE WELL BEFORE EACH USE

Trimethoprim Mixture CF 10 mg/mL APF (60 mL)

Give THREE (3) mL by measure twice daily at 12-hour intervals for 5 days

Ms Jane Hannon

Dr L Tang

Prescription No.

Dispenser's Initials

Date

Expiry Date: [90 days] (60 if APF25)

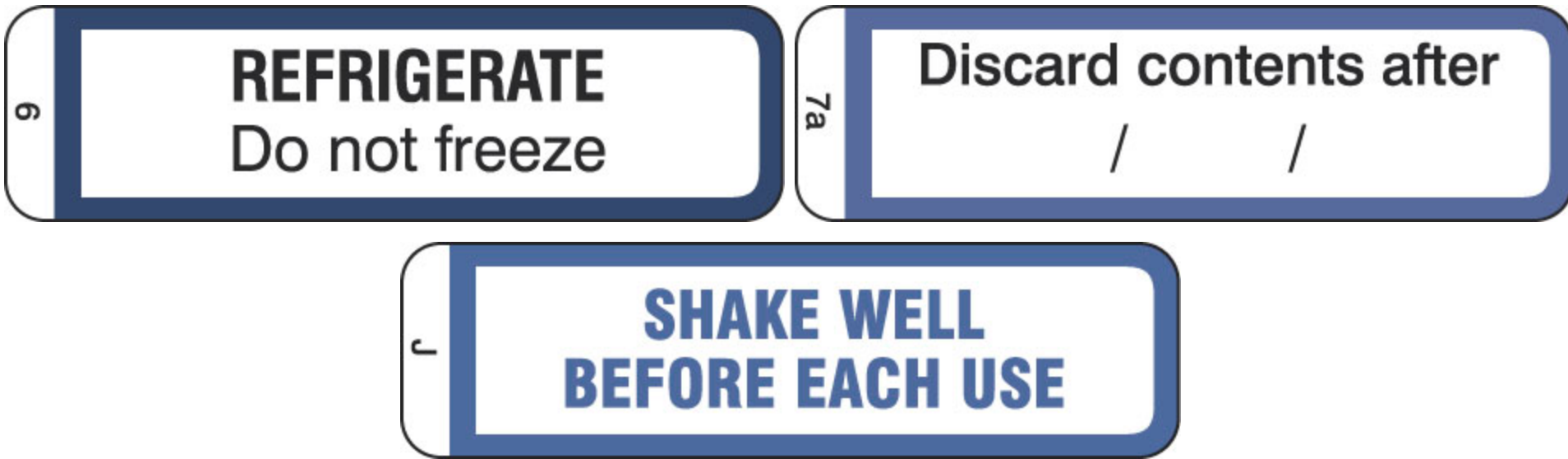
Preservative: 0.1% w/v methylparabens and 0.1% w/v potassium sorbate

PROTECT FROM LIGHT REFRIGERATE, DO NOT FREEZE

Name, Address & Tel. No. of Pharmacy and Proprietor's Name

Corollary

- Suggested CALs:



Corollary II

For labelling practice

- Bring a fineliner