

## Precaution:

### 1. Common precaution for lab:

- i) Have to know the location of safety equipment
- ii) Have to wear dress for the laboratory.
- iii) Shouldn't eat or drink in the laboratory.
- iv) Shouldn't taste or sniff chemicals.
- v) Should dispose of lab waste properly.
- vi) Have to know what to do with lab accidents.

### 2. Precautions for oral solution preparation:

- i) Because of the prospect of decomposition by heat, syrups shouldn't be sterilized by autoclaving.
- ii) The use of boiled purified water in the preparation of syrup can enhance its permanency, & the addition of preservative agents, when permitted, can protect it during its shelf life.
- iii) Should store in a tight container.

### 3. Precautions for oral suspension preparation:

- i) The solid solute should be powdered finely.
- ii) Should add suspending agent slowly & carefully.
- iii) Should use a clean glass rod to stir the mixture.

### 4. Precautions for suppository preparation:

- i) Should avoid high temperature because the drug can crystallize out.
- ii) Water can cause oxidation of fatty base, so care must be taken when use it.
- iii) Temperature should be optimum when using specific bases or vehicles.