

#### SNS COLLEGE OF PHARMACY AND HEALTH SCIENCES



Sathy Main Road, SNS Kalvi Nagar, Saravanampatti Post, Coimbatore - 641 035, Tamil Nadu.

#### **Saline Catharatics**

#### **Saline Catharatics**

- Saline Catharatics are
- substances that loosen stools and
- increase bowel movements.
- E.g.: Sodium Potassium tartrate

#### **Saline Catharatics**

Saline Catharatics are substances that loosen stools and increase bowel movements.

Or

Saline cathartics or purgatives are agents that quicken and increase evacuation from the bowl. E.g.: Sodium Potassium tartrate

#### **Sodium Potassium tartrate** C<sub>4</sub>H<sub>4</sub>O<sub>6</sub>NaK/282.2

### CHOHCOONa .4H<sub>2</sub>O CHOHCOOK **Synonym:** Rochelle Salt, Seignette's Salt

### MOP

Mixing sodium carbonate with

potassium bitartrate. Na<sub>2</sub>CO<sub>3</sub>+ $\parallel$ KHC<sub>4</sub>H<sub>4</sub>O<sub>6</sub>

 $2C_4H_4O_6KNa + H_2O + CO_2$ 

#### **Physical Properties:**

- $\neg$  White crystalline powder
- $\neg$  Saline taste
- $\neg$  Soluble in water
- Insoluble in Ethanol
- Efflorescence

#### Uses

- Gastrointestinal agent
- ¬ Saline laxatives
- Antacid
- In Fehling solution
- —Stabilizer in cheese & meat product

In effervescence powder

# Incompatibility and storage

Incompatibility
 It is incompatible with acids,

magnesium sulphate and calcium salts

#### Storage

" it should be stored in well closed container at a cool place"

## MgSO<sub>4</sub>. 7H<sub>2</sub>O

#### Synonym : Epsom Salt

#### MOP :

By mixing magnesium carbonate on dilute sulphuric acid

 $MgCO_3 + H_2SO_4$ 

 $MgSO_4 + H_2O + CO_2$ 

**Physical Properties :** Colorless crystalline powder - Odorless -Saline taste -Soluble in water Insoluble in Ethanol -Soluble in glycerin

### Uses : **G**astrointestinal agent Saline laxatives Antidote in heavy metal poisoning Used in Morison's paste

### Storage "It should be stored in well closed container at a cool place"