

- Bactericidal, sporicidal and virucidal
- Preserves tissue specimens
- Very toxic

Chloroxylenol (Dettol)

- Derivative of phenol however it is non corrosive/ irritating etc
- Broad spec
- Disrupts cell membranes
- Found in creams, soaps and mouthwashes

TCP

- Mixture of dilute phenol and halogenated phenols
- Liquid antiseptic
- For sore throats (gargling) cuts, ulcers, mouthwashes

Quaternary ammonium compounds – e.g. Cetrimide

- Alter membrane permeability
- Antiseptic and disinfectant
- Broad spec
- Often used for surface cleaning

Physical methods

- Moist heat (steam)– denatures proteins – sterilization achieved
→ Autoclaving – 121 degrees for 20 mins
- Dry heat – kills by oxidation
→ Dry oven – 171 degrees for 1 hour
- Ionising radiation (gamma, X-ray) – sterilizing
- Non ionising e.g. UV radiation – disinfecting

Mechanical filtration

- Air filters
- Liquids = small pore liquid filters

Personal protective equipment (PPE)

- Aprons
- Masks
- Gloves
- Overshoes

Preview from Notesale.co.uk
Page 4 of 5