• 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