

Definition of Frequently Used

Terms.co.uk

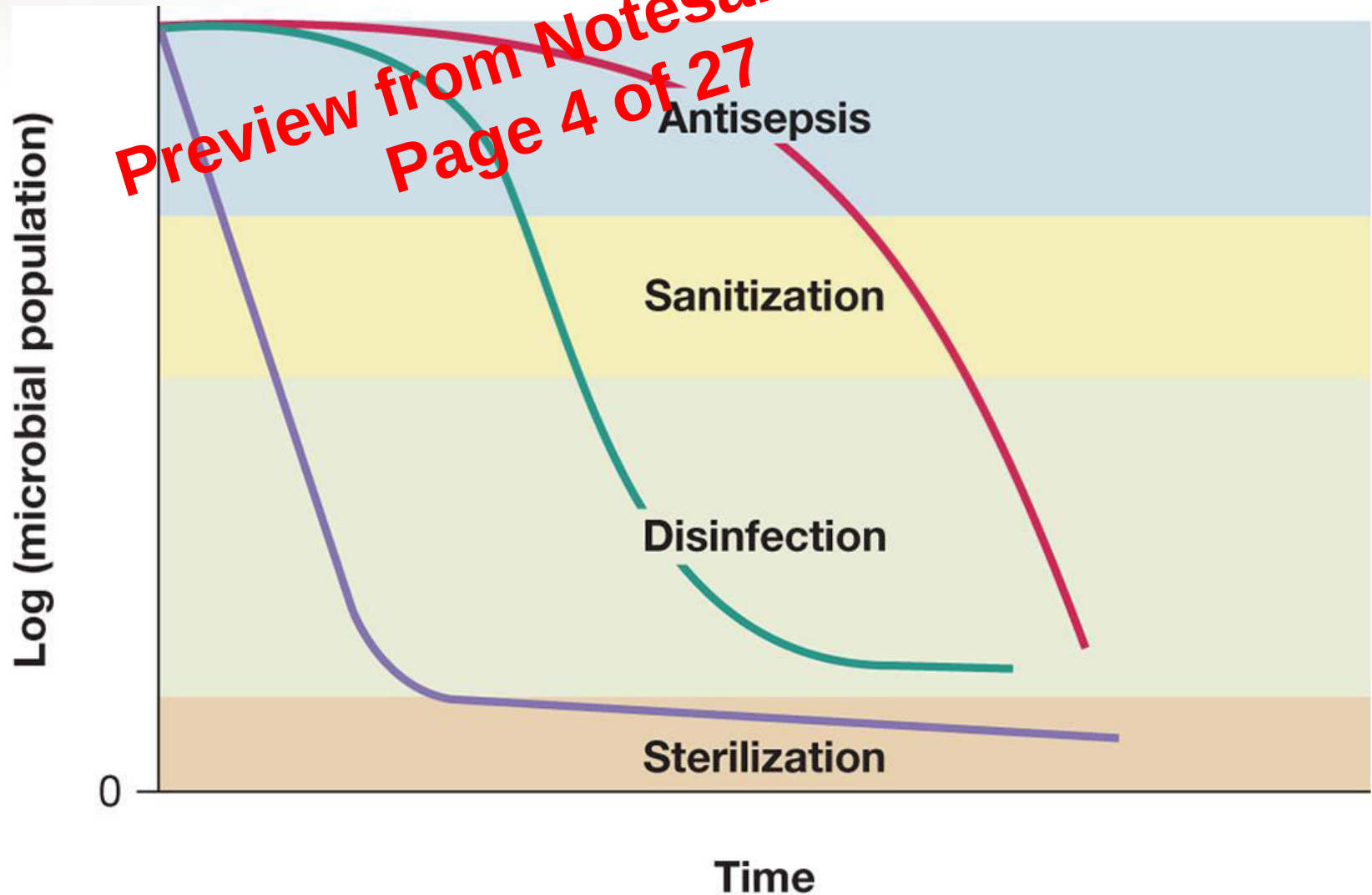
- **Sterilization**

- destruction or removal of all viable organisms

- **Disinfection**

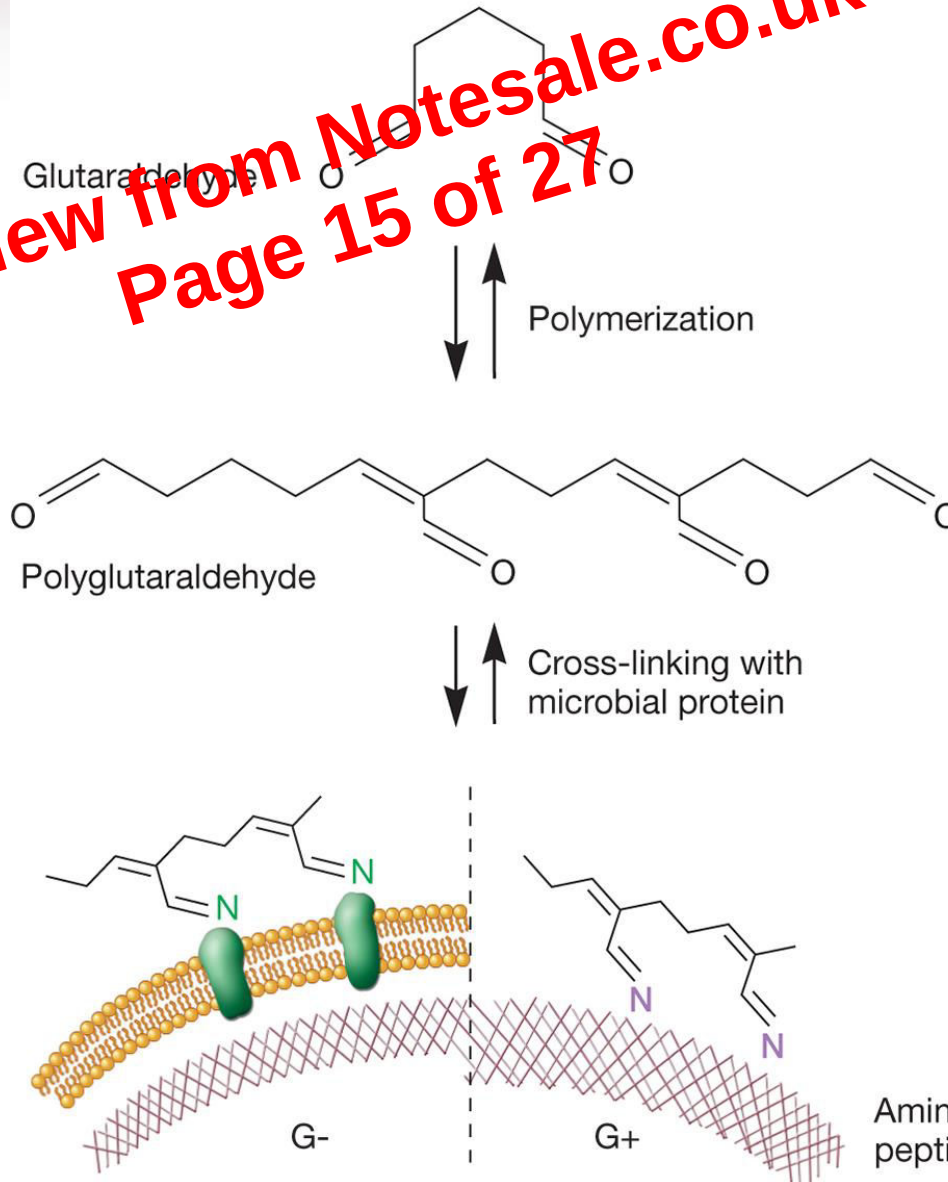
- killing, inhibition, or removal of disease causing (pathogenic) organisms
- disinfectants
 - agents, usually chemical, used for disinfection
 - usually used on inanimate objects

Impact of biocide exposure



Glutaraldehydes

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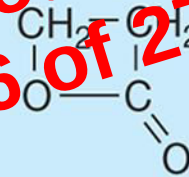


Sterilizing Gases

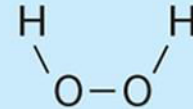
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Ethylene oxide



Betapropiolactone



Hydrogen peroxide

- Used to sterilize heat-sensitive materials
- Microbicidal and sporicidal
- Ethylene oxide sterilization is carried out in equipment resembling an autoclave
- Betapropiolactone and vaporized hydrogen peroxide
- Combine with and inactivate DNA and proteins