

# Typical Dosage and Reaction Times to kill bacteria with Ozone

- Aspergillus Niger (black Mould): Destroyed by 1.5 to 2 mg/1.
  - Bacillus Bacteria: Destroyed by 0.2 mg/1 within 30 seconds
  - Bacillus Anthracis: Causes anthrax in sheep, cattle and pigs. A human pathogen. Ozone susceptible.
  - Clostridium Botulinum Spores: Its toxin paralyzes the central nervous system, being a poison multiplying in food and meals. 0.4 to 0.5 mg/1.
  - Diphtheria Pathogen: Destroyed by 1.5 to 2 mg/1.
  - Eberth Bacillus (typhus abdominals): Destroyed by 1.5 to 2 mg/1
  - Echo Virus 29: This virus most sensitive to ozone. After a contact time of Minute at 1 mg/1 of ozone, 99.999% killed.
  - Escherichia Coli Bacteria (from feces): Destroyed by 0.2 mg/1 within 30 seconds
  - Encephalomyocarditis Virus: Destroyed to zero level in the less than 30 seconds with 0.1 to 0.8 mg/1
  - Enterovirus Virus: Destroyed to zero level in the less than 30 seconds with 0.1 to 0.8 mg/1
  - GDVII Virus: Destroyed to zero level in the less than 30 seconds with 0.1 to 0.8 mg/1
  - Herpes Virus: Destroyed to zero level in the less than 30 seconds with 0.1 to 0.8 mg/1
  - Influenza: 0.4 to 0.5 mg/1
  - Klebs- Loeffler Virus: Destroyed by 1.5 to 2 mg/1
  - Poliomyelitis Virus: Kill 99.999% with 0.3 to 0.4 mg/1 in 3 to 4 minutes
  - Proteus Bacteria: Very Susceptible
  - Pseudomonas Bacteria: Very Susceptible
  - Rhadbovirus Virus: Destroyed to zero level in the less than 30 seconds with 0.1 to 0.8 mg/1
  - Salmonella Bacteria: Very Susceptible
  - Staphylococci: Destroyed by 1.5 to 2 mg/1
  - Stomatitis Virus: Destroyed to zero level in the less than 30 seconds with 0.1 to 0.8 mg/1
- Streptococcus Bacteria: Destroyed by 0.2 mg/1 within 30 seconds
- Test results from The University of New Hampshire 2001