



DISINFECT&Fog

Vital Oxide Disinfectant

Vital Oxide Mold Remover and Disinfectant Cleaner is great for covering large surfaces and areas. **Kills 99.9% of bacteria and viruses, kills fungus, mold, and mildew at the source and inhibits growth, sanitizes 99.999% of bacteria on food-contact surfaces with no rinse required,** and eliminates odor at a molecular level, not by masking with fragrance.

Vital Oxide Features

- Approved by the EPA for use against SARS- COV-2, the virus that causes COVID-19
- EPA-registered hospital disinfectant with lowest toxicity category - gentle enough for daily disinfecting and sanitizing
- Certified by the Carpet & Rug Institute for pet stains and odor
- Kills 99.999% of bacteria and viruses, including H1N1; MRSA; Norovirus; HIV; Legionella; Pseudomonas aeruginosa; Hepatitis A, B, and C; Ebola virus; and others
- Effective mildew and mold remover—kills mold spores and prevents mold regrowth on tile and other materials up to seven months
- Eliminates allergens
- Soft-surface sanitizer
- Hypo-allergenic
- pH balance of 8 – 9
- No volatile organic compounds (VOCs)
- No harsh chemicals, non-irritating to skin, no nauseous fumes
- No personal protection equipment needed

Certifications

- NSF Registered (D2) Sanitizer
- Hypo Allergenic, Non-irritating to Skin, Non-corrosive
- USEPA Registered #82972-1 in all 50 States & Puerto Rico.
- USEPA Category 4 Toxicity – Safest
- Health Canada Authorized

Benefits

- Safe for Animals and Humans
- Kills Staph, Strep, Ecoli, Enfluenza, MRSA, mold, mildew, biofilm, Parvo, Distemper, Tuberculous
- NSF Food Contact Surfaces – No Rinse



To Apply

- Apply VITAL OXIDE full strength to pre-cleaned hard non-porous surfaces with fogger
- Allow surfaces to remain wet for 5 minutes for virus inactivation
- For farms, saturate all surfaces with VITAL OXIDE for a period of 10 minutes.
- Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
- Allow to air dry.

Storage

- Store in original closed container in a cool, dry place away from heat and open flame. Do not allow product to become overheated in storage.
- Avoid prolonged storage temperature above 40°C or 90°F. This may cause increased degradation of the product, which will decrease product effectiveness.
- 2 years (24 months) unopened
- 1 year (12 months) opened.
- Refill only with this product. Do not reuse or refill this container unless the directions for use allow a different (concentrated) product to be diluted in the container.



DIN #: 02422654

EPA Registration #: 82972-1





Economical & Easy to Dilute

Vital Oxide has 3 dilution ratios, but 9:1 ratio is recommended for use with the **Nano Atomizer** for daily use with Vital Oxide.

FULL STRENGTH

For Hospital Grade
Disinfectant

5:1

For Carpet & Fabric
Sanitization

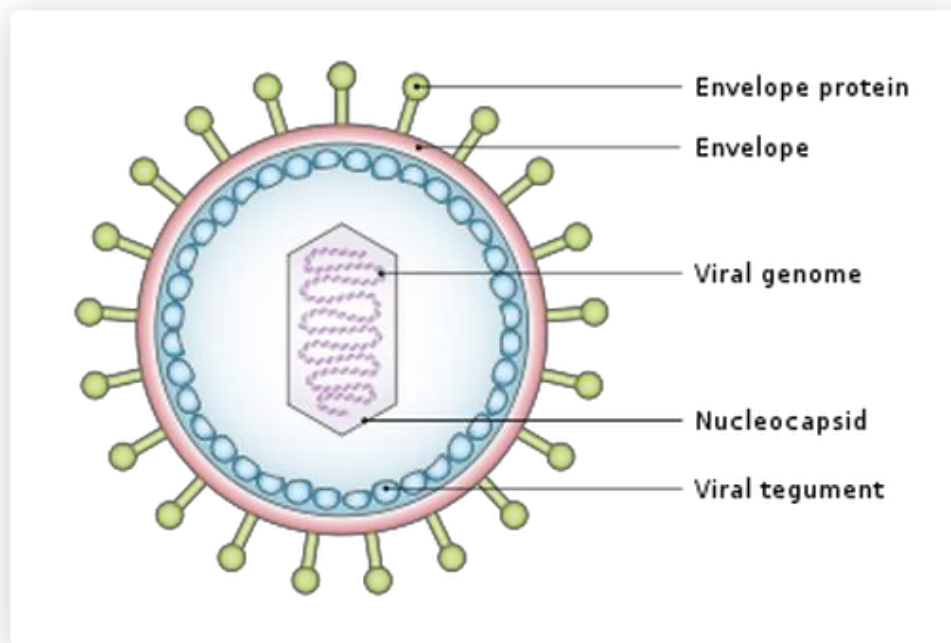
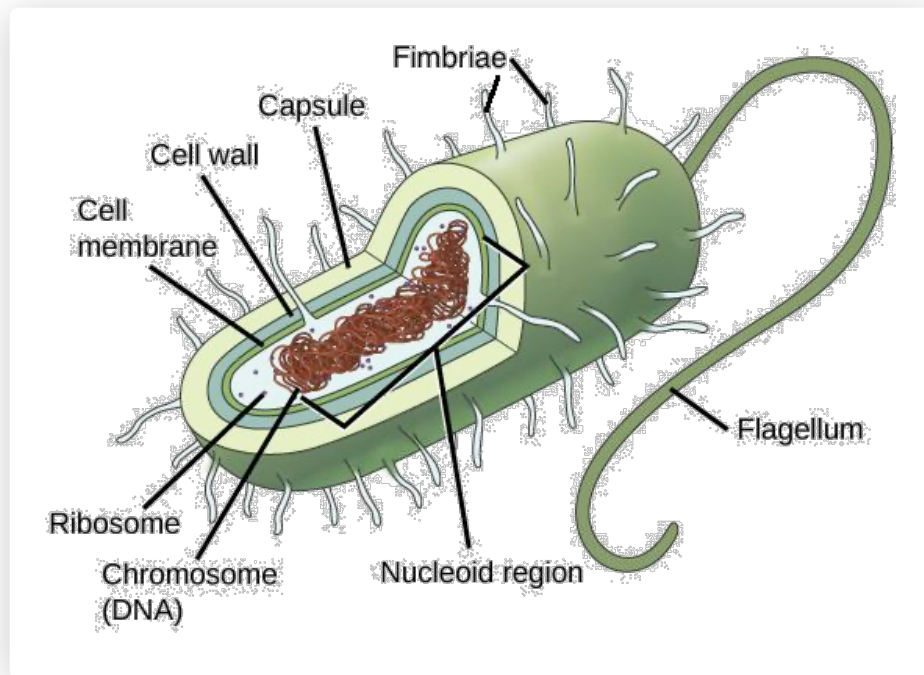
9:1

For 99.99% Sanitization
on Food Contact Surfaces

Dilution Ratio	Problems	Uses
1:1	Infection & Virus Control	<ul style="list-style-type: none"> - Hospital Disinfection - Vehicles - Schools & Universities - Athletic Facilities
	Mold & Mildew Control	<ul style="list-style-type: none"> - Commercial & Residential HVAC Systems
	Anti-Microbial	<ul style="list-style-type: none"> - Commercial & Residential HVAC Systems - Drink Lines - Ice Machines - Beverage Dispensers
	Pet Stains	<ul style="list-style-type: none"> - Farm Premises - Poultry Houses - Animals Pens
5:1	Carpet & Fabric Sanitizer	<ul style="list-style-type: none"> - Commercial & Residential
9:1	Food Grade Sanitizer (no rinse)	<ul style="list-style-type: none"> - Commercial & Residential Kitchens - Food Preparation Areas - Food Processing Areas - Food Packing Areas
	Hard Surface & Daily Sanitizing	<ul style="list-style-type: none"> - Daily Sanitization of Hard Surfaces - Hardwood Floors - Tile Floors

How Does Vital Oxide Work Against Bacteria and Viruses?

Vital Oxide kills bacteria by chemically altering certain amino acids and the RNA in the cell. These amino acids (RNA) are important building blocks in the proteins that help to form the cell walls. When these proteins are destroyed, the cell wall ruptures and the organism dies. This is known as selective oxidization. Vital Oxide is effective against both gram positive and gram negative bacteria.



Viruses are eliminated in a different way, by reacting with a peptone, a water soluble substance that originates from the hydrolysis of proteins to amino acids, preventing protein formation. In the chemical reaction, Vital Oxide takes an electron from the amino acid and reverts back to a chlorine ion. The amino acid gives up an electron, which is what chemists call oxidation. This effectively attacks the virus envelope and then the core protein, preventing production of the protein and killing the virus.