



OXYGEN POWER

Vital Oxide Uses the Power of Oxygen to Kill Harmful Bacteria & Viruses while Removing Mold & Mildew

Unique in Nature – Selective Oxidation

The chlorine dioxide molecule has one chlorine atom and two oxygen atoms and this combination creates a molecular free radical – a magnetic like attraction that seeks out electron donors and selectively oxidizes harmful bacteria and mold.

The Environmentally Sound Alternative to Chlorine Bleach

Although chlorine dioxide (ClO₂) has chlorine in its name, its chemistry is radically different from that of chlorine itself. Technically speaking both chlorine and ClO₂ are oxidizing agents. Yet these fundamentally different chemistries react in distinct ways with organic compounds resulting in very different by-products.

Chlorine produces harmful by-products (THM) trihalo-methanes and (HAAS) haloacetic acids which are linked to cancer. ClO₂ is not a metabolic toxin and will not aid in developing antibiotic resistant bacteria.

The History

ClO₂ has been recognized for its powerful disinfecting properties since the early 1900's. It is used by municipalities to purify drinking water. Environmentalists now recommend its use in eco-friendly paper production. Produced on site, these treatments require sophisticated chemical generation equipment and limit practical use to only large scale industrial operations with a shelf life that lasts between a few days and a few hours.

The Breakthrough

VITAL OXIDE is a super effective, ecologically sound cleaner & odor eliminator, with proven broad-spectrum anti-microbial action (USEPA registered #82972-1). Shelf stable and ready to use – no mixing required, just spray, wipe, or fog right from the bottle. Non-irritating to the skin, and not corrosive to treated articles.



MARKETING CONCEPTS and OPPORTUNITIES

- Enlist strategic partners who service existing customers' sanitation, hygiene, food safety, and cleaning product programs.
- Market to service companies who offer remediation, pest control, and sanitation services by adding Vital Technologies service models to ensure healthy environments.
- Direct sales to national chains that centralize purchasing to enhance their current environmental standards in Food Services, Hospitality, Health Care, Transportation, Schools & Universities, Sports & Leisure Activities, Government Agencies protecting first responders, and the general public.

FOR ORDERING INFORMATION:

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Hospital Grade Disinfectant Cleaner

Heavy Duty Mold & Odor Control

- ◆ 60-second food contact surface sanitizer for 99.999% elimination of bacteria, including e coli, salmonella, listeria
- ◆ No rinse required
- ◆ Leaves no offensive odor or bad taste
- ◆ Hospital grade disinfectant 100% inactivation of viruses, including H1N1, Hepatitis B & C, and HIV
- ◆ Non-corrosive to treated surfaces

ADVANTAGES

Vital Oxide is shipped Ready To Use (RTU) as a Hospital Grade Disinfectant and may also be diluted using our customizable blending & dispensing system with on-site mixing for multiple applications, including food contact surface sanitization, carpet sanitization, and heavy-duty odor control.

Flexibility

May be applied by spray bottle, mop, fogger, or electro-static sprayer.

Shelf Stable – over one year shelf life.

Ready To Use – no activation step required.

Space Saving Multi-Use – multi-dilution system.

Saves Money – reduced spillage and waste.

Saves Time – employee time required to prepare solutions is greatly reduced.

NSF Certified – no rinse required at any dilution.

Wide Range of Uses

Including hospitals, nursing homes, cruise ships, restaurants, hotels, schools, daycare, sports equipment, kennels, auto detail shops, households & more.

How the System Works

Vital Oxide ships in RTU sizes and in dispenser-ready containers.

Vital Technologies installs the dispenser and Vital Oxide reservoirs.

Vital Technologies visits your facility on a regular basis to replenish the product.

Vital Technologies maintains the dispensing unit to ensure proper functioning.



USEPA
Registered (82972-1)
Hospital Grade
Disinfectant Cleaner

VITAL PERFORMANCE

Sanitation

- 60 sec. Food Contact Sanitizer (no rinse required).
- 99.999% elimination of bacteria, including e coli, salmonella, listeria.
- Leaves no offensive odor or taste.
- Non-corrosive, safe for treated articles.

Disinfection

- Hospital Grade Disinfection, including complete inactivation of H1N1, Norovirus, Hepatitis B & C, HIV, Legionella, MRSA, Pseudomonas aeruginosa (see full list in testing summary).

Mold

- University and government sponsored studies document long term effectiveness on mold & mold spores, including Aspergillus niger, Alternaria alternata, Penicillium, Stachybotrys.

Odor Control & Cleaning Action

- Odors are completely eliminated on a molecular level, not covered up by masking fragrance or nose numbing chemicals. Effective on tobacco smoke, cooking odors, pet urine, sports equipment.
- Powerful cleaning action that removes organic stains without damage to hard surfaces or fabric.

Easy to Use

- Just spray, wipe or fog right from the bottle.
- Shelf stable & guaranteed to retain over 98% strength for one year.
- Non-irritating to skin – no gloves or protective clothing required.