

VitalOxide

KILL LIST

Hard Surface Sanitization: 30 sec. contact time

Escherichia coli
Staphylococcus aureus

Carpet Sanitization: 10 min. contact time

Enterobacter aerogenes ATCC
Staphylococcus aureus ATCC



Soft Surface Sanitization: 5 min. contact time

Enterobacter aerogenes ATCC
Staphylococcus aureus ATCC

Disinfection Bacteria: 10 min. contact time

Pseudomonas Aeruginosa
Acinetobacter baumannii
Staphylococcus aureus MRSA
Staphylococcus aureus ATCC
Listeria monocytogenes
Legionella pneumophila
Salmonella enterica
Klebsiella pneumoniae (NDM-1)
Escherichia coli
Bordetella bronchiseptica m (Kennel Cough)
Mycobacterium bovis - BCG

EBOLA

meets the CDC criteria for use against the Ebola virus.

Mildewstat (fungi): 10 min. contact time

Aspergillus niger – 1 wk. protection hard surfaces
4 wks. protection soft surfaces
Stachybotrys chartarum
Aspergillus fumigatus
Alternaria alternata
Penicillium sp
T. mentagrophytes (Athlete's foot)
Trichophyton rubrum ATCC

Disinfection Viruses: 5 min. contact time

Respiratory syncytial virus (RSV)
Human immunodeficiency virus (HIV Type 1)
Rotavirus
Hepatitis A virus
Hepatitis B virus
Hepatitis C virus
Influenza B virus
Murine Norovirus (MNV-1)
Swine influenza (H1N1)
Norovirus feline calicivirus
Canine distemper virus
Hantavirus
Adenovirus (10 min. contact time)
Canine Parvovirus ATCC



✓NON-CORROSIVE
✓NO RINSE REQUIRED



VitalOxide

CANADA

VitalOxide®

Exceptional Performance, Easy to Use

ONE PRODUCT, SEVEN SOLUTIONS!

Vital Oxide is an EPA registered hospital disinfectant cleaner, mold killer and super effective odour eliminator. Ready to use with no mixing required, just spray, wipe or fog right from the bottle. Non-irritating to the skin and non-corrosive to treated articles.



1 EPA Registered Hospital Disinfectant

Proven to kill a wide range of viruses and bacteria Vital Oxide won't contribute to the formation of mutating "super bugs," and does not contain volatile organic compounds (VOCs).

2 Food Contact Sanitizer – No Rinse Required – NSF Registered (D2) Sanitizer

99.999% Sanitization on food contact surfaces. Vital Oxide is odourless and won't alter the taste of food on sanitized surfaces. Vital Oxide kills 99.999% of bacteria, including e Coli, Salmonella and Listeria in less than 60 seconds.

3 Molds & Mildew Killer

Kills and prevent spores with up to 7 months residual effects. Safe on a wide range of surfaces from marble to carpeting and beyond.

4 Allergen Eliminator

Proven effective on pet dander as well as dust mite and cockroach allergens. Can be used directly on pet bedding & sleeping areas.

5 Odour Eliminator

End malodours caused by smoke, trash, septic systems, stale cooking & more. Vital Oxide contains no masking agents or fragrances and is highly effective at neutralizing urine and fecal odours.

6 HVAC and Air Ducts

Vital Oxide is used in HVAC and Air Ducts for antimicrobial control, including bacteria, mold, mildew and other fungi, leaving the HVAC systems and Air Ducts free of microbial contamination and ensuring air quality.

7 Soft Surface Sanitizer

Vital Oxide can be used as a sanitizer on a wide range of soft surfaces. Vital Oxide kills odors and odor causing bacteria on soft surfaces by eliminating the source. Great for upholstery, curtains and auto interiors.

Vital Oxide is proven to work on all surfaces

GREAT FOR:

- Hospitals and health care facilities
- Medical and science research labs
- Restaurants, cafeterias, food service facilities
- Cruise ships, hotels, hospitality services
- Schools, universities, educational facilities
- Jails, prisons, correctional institutions
- Government and public service offices

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VITAL OXIDE VS BENEFECT

	<i>Vital Oxide</i>	<i>Benefect</i>
<i>Odour-Free</i>	✓	✗
<i>Authorized by Health Canada for use against COVID-19</i>	✓	✗
<i>VOC Free</i>	✓	✗
<i>Kills mold & prevents new mold spores for up to 7 months</i>	✓	✗

Vital Oxide has been tested and proven superior by killing 99.999% of bacteria and having a more extensive kill list than its competitors. In addition to killing deadly viruses and bacteria, Vital Oxide also kills mold & mildew and unlike our competitors we can make the claim that Vital Oxide will prevent new mold spores from forming for up to 7 months after the application!

Many of our competitors products receive constant customer complaints because they are corrosive and have a strong after-odour that can take days to dissipate, but Vital Oxide is non-corrosive and odour free. Vital Oxide does not add any fragrances and is also an odour eliminator by killing the odour-causing bacteria on contact. Ideal for those with allergies and scent sensitivities.

But what truly makes Vital Oxide amazing is how safe it is! Vital Oxide produces zero VOCs, has no health warnings and is 100% biodegradable. It is Health Canada approved with an SDS 0-0-0. It is safe to use on food-contact surfaces with no rinse required and safe to use around children and pets!

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VITAL OXIDE vs BIOESQUE

	Vital Oxide	Bioesque
Proven effective against difficult to kill pathogens <i>ie. Hepatitis B, C Norovirus and Ebola</i>	✓	X
Fragrance Free	✓	X
VOC Free	✓	X

The key difference between Bioesque and Vital Oxide is the kill rate. Vital Oxide is a HOSPITAL GRADE disinfectant with a more extensive kill list. Bioesque is not proven effective against Hepatitis B, C, Norovirus or Ebola in contrast, Vital Oxide is. In addition, Bioesque has a lemongrass grapefruit scent described as “spicy” which would not be recommended at many workplaces where there are scent sensitivities. Vital Oxide is ideal for those with allergies and scent sensitivities since it actually helps eliminate odours by killing odour causing bacteria. Also, Vital Oxide produces no harmful VOCs (volatile organic compounds) making it safe for you and the planet. If Bioesque gets on your clothes they need to be removed and washed before wearing. Vital Oxide is safe on skin and can be used on fabrics as a soft surface sanitizer.

Vital Oxide has been tested and proven superior by killing 99.999% of bacteria and having a more extensive kill list than its competitors. Vital Oxide is safe to use on Food contact surfaces with no rinse required, it is NSF approved. Other products require rinsing and wiping after being used on food surfaces (ie. countertops, tabletops and student desks) but with Vital Oxide you just spray and walk away, no wipe or rinse required.

But what truly makes Vital Oxide amazing is how safe it is! Vital Oxide produces zero VOCs, has no health warnings and is 100% biodegradable. It is Health Canada approved with an SDS 0-0-0. It is safe to use on food-contact surfaces with no rinse required and safe to use around children and pets! **HEALTH CANADA APPROVED FOR USE AGAINST CORONAVIRUS COVID-19!!**



Vital Oxide - MMR - Benefect Comparison			
Feature	MMR	Benefect Disinfectant	Vital Oxide
MSDS			
Health	3	0	0
Flammability	0	0	0
Reactivity	1	0	0
Principal Component	Sodium Hypochlorite	Oils: Thyme, Lemongrass	Chlorine Dioxide
Specifics			
H315 Skin Irritation	Y	May cause allergic skin reaction in sensitive individuals	N
H318 Causes Serious Eye Damage	Y	May cause slight irritation. May include discomfort, or pain	MAY cause mild discomfort
H401 Toxic to Aquatic Life	Y		N
Harmful if swallowed	Y	Non toxic	Non toxic
Causes Severe Skin Burns	Y	Non toxic	N
Inhalation	May be harmful if inhaled. May cause respiratory irritation	May cause slight irritation	Does NOT cause respiratory discomfort
Accidental release	Safety glasses, PPE, Gloves	Thoroughly wash area with water after spill	No special cleanup measures are needed
Storage			
Incompatible products	Strong reducing agents, combustible materials, aluminum, metals, ammonia, strong acids	Store at room temperature	Strong acids
Exposure Control / Personal Protection			
Engineering	Emergency eye wash fountains, safety showers, local exhaust ventilation	Use in adequately ventilated areas	Use in adequately ventilated areas
PPE	Avoid all unnecessary exposure	Not required for consumer product	Not required for consumer product
Hand Protection	Wear protective gloves	Not required for consumer product	Not required for consumer product
Eye Protection	Chemical goggles or safety glasses	Not required for consumer product	Not required for consumer product
Skin & Body Protection	Wear suitable protective clothing	Not required for consumer product	Not required for consumer product
Respiratory Protection	Wear appropriate mask	None required for normal use	None required for normal use
Other	Do not eat, drink, or smoke during use	None other for normal use	None other for normal use
PH as supplied	8.0-9.0	4.0-5.0	8.0-9.0
Odour	Chlorine-like	Lemon/spice	Mild-fresh
Shipping	Class E - Corrosive Material	Not controlled	Not controlled
Level of Disinfectant	MMR Disinfectant should be used	Intermediate Grade	Hospital Grade
Kill of Mold	Surface for 6 months	Unclear	To the root, dead for 7 months
Shelf life	200 days	2 years	2 years