

# DISINFECTS AS IT CLEANS

*Eliminates Odors • Fragrance Free*

## AREAS OF USE INCLUDE:

homes, vehicles, schools & daycare, gyms & locker rooms, sports gear, hospitals, nursing homes, laundry rooms, veterinary, pharmacies, ambulances, barber shops, laboratories, restaurants, boats, ships, federally inspected meat & poultry processing plants, farms, animal pens and poultry houses, egg processing premises, hatcheries, swine premise sanitation, refrigerated storage units (empty & disconnected), airplanes, trains, trucks, buses & automobiles. Use as a mold & mildewstat on hard non-porous surfaces (i.e. tiles) and soft surfaces (i.e. fabrics).

**VITAL OXIDE** provides hospital disinfection, sanitization of food contact surfaces, mold & mildew prevention, broad spectrum cleaner & odor elimination.

**DIRECTIONS FOR USE:** It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Test fabric for color fastness. Contains a dilute oxidizing agent. Do not mix with vinegar or acidic cleaners.

**PRE-CLEANING INSTRUCTIONS:** Remove gross filth and heavy soil by cleaning. Spray **VITAL OXIDE** straight onto soils, scrub and wipe clean with a dry paper towel or cloth. For cleaning floors add one cup **VITAL OXIDE** per gallon of water in bucket and clean with sponge, mop or pad.

**TO DISINFECT HARD NON-POROUS SURFACES:** For disinfecting pre-cleaned hard non-porous surfaces such as glass, plastic, painted wood, laminate, chrome, stainless steel, polyurethane coated hardwood floors, glazed ceramic tile, sealed concrete & linoleum floors. Types of items include: appliances, bed frames, cabinet handles, wheelchairs, child car seats, counters, cribs, doorknobs, tables, tubs, exterior toilet structures, faucet handles, handrails, jungle gyms, keyboards, light switch covers, patio furniture, showers, sinks, stovetops, telephones, toys, walls, waste containers. Apply **VITAL OXIDE** full strength to pre-cleaned hard non-porous surfaces, wetting

thoroughly with spray, sponge, mop, or by immersion in solution. Allow surfaces to remain wet for 5 minutes for virus inactivation - 10 minutes for bacteria disinfection. For immersion replace solution daily, or more frequently if it becomes significantly soiled or diluted.

**FOGGING AND MISTING:** **VITAL OXIDE** can be applied by fogging or misting to disinfect hard, nonporous surfaces. Apply by fogging or misting until surface is moist using equipment manufacturer's directions for use. Remove or carefully protect all food and food packaging materials prior to treatment. Vacate treatment area and do not reenter treated area until air is clear (minimum 20 minutes to reentry). For disinfection by ULV misting machine application, see the product Supplemental Bulletin specific for equipment to be used.

**TO PREVENT MOLD OR MILDEW ON FLOORS, WALLS, CEILINGS & FABRIC:** Remove as much surface dirt, mold, or mildew as possible by cleaning. Then spray on **VITAL OXIDE** from a distance of 12 inches until visibly wet and let air dry.

**TO DEODORIZE:** **VITAL OXIDE** works by oxidation, not by masking of odors. Eliminates odors caused by fire smoke, tobacco smoke, musty odors, stale-cooking odors. Simply spray, fog or wipe on full strength and let air dry to provide long lasting residual deodorizing action. When fogging to deodorize apply 1 quart per 2000 cubic ft. following fogger manufacturer's directions for use. **VITAL OXIDE** must come into contact with the cause of the odor to be effective. For pet urine stains in carpet, blot urine as dry as possible then saturate stain with **VITAL OXIDE** through carpet pad.

**TO SANITIZE FOOD CONTACT SURFACES:** Staphylococcus aureus (ATCC 6538) and Escherichia coli (ATCC11229) 99.999% sanitization of food contact surfaces. Mix 1 part **VITAL OXIDE** to 9 parts tap water. For glassware, utensils, cookware, and dishware: Scrape and pre-wash, then wash with a good detergent. Rinse with potable water, then sanitize by immersion in **VITAL OXIDE** for 1 minute (or longer if specified by government sanitary code) Place on a rack or drain board to air dry. Do not rinse or wipe. Food Contact Immoblie Surfaces: (food processing equipment, counter tops, tables, appliances) Remove all gross food particles and soil by cleaning and rinse with potable water. Apply **VITAL OXIDE** by wetting thoroughly and let stand for 1 minute. (or longer if specified by government sanitary code) Let surfaces drain and air dry. Do not rinse or wipe.

**TO SANITIZE CARPET:** For synthetic carpet fibers such as nylon, olefin, or polypropylene - not intended for use on wool carpets. Test for color fastness in an inconspicuous area. Carpet should be clean or free of excessive soil before applying. Mix 1 part **VITAL OXIDE** to 5 parts water. Or use full strength. Apply at a rate of 2.5 oz per sq. ft. **VITAL OXIDE** must come into contact with contaminate to work. Allow to dwell for 10 minutes. Do not rinse, use an extraction wand and dry stroke carpet to remove excess moisture. Carpet can air dry or fans may be used if carpet needs to dry faster. (For use in extractor machines.) (Including Hoover carpet extractors)

**TO SANITIZE CARPET USING A DEVICE:** See Manufacturer's Instructions for Use

**TO SANITIZE NON-FOOD CONTACT HARD NON-POROUS SURFACES:** Staphylococcus aureus (ATCC 6538) and Enterobacter aerogenes (ATCC 13048) Mix 1 part Vital Oxide with 9 parts water. Apply **VITAL OXIDE** as a one step cleaner sanitizer (5% organic soil load) by wetting thoroughly and let stand 5 mins. wipe and allow to air dry. No rinse required.

**TO SANITIZE SOFT SURFACES:** Hold bottle upright 6" - 8" from surface. Spray until fabric is wet. DO NOT SATURATE. Let stand for 5 minutes. Allow to air dry. For difficult odors or heavy fabrics, repeat application. Heavy soil must be removed prior to sanitizing.

**TO DISINFECT FARM PREMISES, POULTRY HOUSES, ANIMAL PENS & VEHICLES:** Remove all animals and feed from premises, vehicles, and enclosures. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. 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. Ventilate buildings, cars, boats, and other closed spaces. Drain any pooled product and/or rinse standing product with potable water. Do not house livestock or employ equipment until treatment has been absorbed, or dried.

**TO PRE-CLEAN OR DECONTAMINATE CRITICAL OR SEMI-CRITICAL MEDICAL DEVICES PRIOR TO STERILIZATION OF HIGH LEVEL DISINFECTION.** \*\*This product is not to be used as a terminal sterilant/high level disinfectant on any surface of instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. KILLS HIV-1, HBV, AND HCV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces /objects with blood or body fluids and surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency virus type1 (HIV-1) (associated with AIDS), Human Hepatitis B virus, and Human Hepatitis C virus.

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV, AND HCV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS**

When handling items soiled with blood or body fluids use disposable latex gloves, gowns, masks, or eye coverings.

**CLEANING PROCEDURES:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

**DISPOSAL OF INFECTIOUS MATERIALS:** Blood and other body fluids should be autoclaved and disposed of according to Federal, State and local regulations for infectious waste disposal. **CONTACT TIME:** Allow surfaces to remain wet for 5 minutes.

**STORAGE AND DISPOSAL:** Store in original closed container in a cool, dry place away from heat and open flame. Non-refillable. Do not reuse or refill this container unless the directions for use allow a different (concentrated) product to be diluted in the container. Container Disposal: Rinse and offer empty container for recycling. If recycling is not available discard container in trash. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Discard excess or used **VITAL OXIDE** solution in drain with running water.

## 99.999% SANITIZATION OF FOOD CONTACT SURFACES



### HOSPITAL DISINFECTANT

# VitalOxide®

100% biodegradable surfactant  
Sanitizes Hard and Soft Surfaces



LISTED #141332  
No rinse required for food contact surfaces (D-2)

## HEAVY DUTY ODOR ELIMINATOR

### KILLS HARMFULL BACTERIA • MOLD & MILDEW REMOVER

Prevents Mold & Mildew On Hard Surfaces & Fabric

#### VITAL OXIDE KILLS:

MRSA (Methicillin-resistant Staphylococcus aureus), Pseudomonas aeruginosa, Escherichia coli, Salmonella enterica, Staphylococcus aureus, Legionella pneumophila, Aspergillus niger, Norovirus (Feline Calicivirus as surrogate), Human Immunodeficiency virus type 1 (HIV-1), Enterobacteraerogenes, Listeria monocytogenes, Acinetobacterbaumannii, Rotavirus, Respiratory Syncytial Virus, Influenza A (H1N1) (formerly called Swine Flu), Influenza B Virus, Hepatitis A, Hepatitis B, Hepatitis C, Klebsiellapneumoniae (NDM-1)

#### ACTIVE INGREDIENTS:

Chlorine Dioxide.....	0.200%
Alkyl (60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>12</sub> , 5% C <sub>18</sub> ) dimethyl benzyl ammonium chloride.....	0.125%
Alkyl (68% C <sub>12</sub> , 32% C <sub>14</sub> ) dimethyl ethylbenzyl ammonium chloride.....	0.125%
OTHER INGREDIENTS.....	99.550%
Total.....	100.000%

KEEP OUT OF REACH OF CHILDREN

NET CONTENTS: 55 Gallons

### FIRST AID

#### IF IN EYES

Hold eye open and rinse slowly with water 15-20 minutes. Remove contact lenses after first 5 minutes and continue rinsing. Call a Poison Control Center or doctor for treatment advice. Have product container or label with you when calling a Poison Control Center or doctor, or when going for treatment.

EPA Reg. No. 82972-1 EPA Est. No. 85804-NC-1; EPA Est. No. 29909-CA-1 (See batch code for actual establishment number.)

NOTICE: Seller expressly warrants that the product conforms to its chemical description. There are no other warranties associated with sale of the product.

Manufactured by:

**VitalSOLUTIONS, LLC**

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