

82972-1

5/26/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
PREVENTION, PESTICIDE
AND TOXIC SUBSTANCES

May 26, 2009

Olivia Laird, Agent for Vital Technologies
c/o Laird's Regulatory Consultants, Inc.
17804 Braemar Place
Leesburg, VA. 20175-7046

Subject: Vital-Oxide
EPA Registration Number 82972-1
Application Date: December 8, 2008

Dear Ms. Laird:

The Agency has reviewed your submission in accordance with continuing registration under the Federal Insecticide Fungicide and Rodenticide Act (FIFRA), as amended, and determined the action be acceptable. In summary, your request to add carpet sanitization use is acceptable. A copy of our product performance data review in support of the carpet claim, D362052, is enclosed.

Your request to add the HVAC uses was dropped since your claims were not properly supported. A copy of your stamped label is enclosed. Should you have any questions concerning this letter, please contact Tom Luminello at (703) 308-8075.

Sincerely,


Emily H. Mitchell
Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7510P)

Enclosures

Disinfects As It Cleans

Eliminates Odors • Fragrance Free

VITAL-OXIDE provides broad-spectrum disinfectant efficacy, mold & mildew prevention, and odor elimination.

AREAS OF USE INCLUDE: homes, vehicles, schools & daycare, gyms & sports gear, hospitals, restaurants, federally inspected meat & poultry processing plants. For disinfecting pre-cleaned hard non-porous surfaces such as glass, laminate, chrome, stainless steel, polyurethane coated hardwood floors, glazed ceramic tile, sealed concrete & linoleum floors. Use as a mold & mildewstat on hard non-porous surfaces such as tile, and porous surfaces such as fabric. No rinse required sanitizer for food contact surfaces (D-2)

CAUTIONARY STATEMENTS:

HAZARDS TO HUMANS & DOMESTIC

ANIMALS

Causes moderate eye irritation. Avoid contact with eyes. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Shake well before using. Test fabric for color fastness. Contains a dilute oxidizing agent. Do not mix with vinegar or acetic 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: 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 10 minutes. For immersion replace solution daily, or more frequently if it becomes significantly soiled or diluted.

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

VITAL-OXIDE®

Broad Spectrum Disinfectant

MOLD & MILDEW REMOVER

PREVENTS MOLD & MILDEW

ON HARD NON-POROUS SURFACES & FABRIC

HEAVY DUTY ODOR ELIMINATOR

KILLS 99.9% OF BACTERIA

VITAL-OXIDE KILLS:

MRSA, Pseudomonas aeruginosa, Escherichia coli, Salmonella enterica, Staphylococcus aureus, Legionella pneumophila, Aspergillus niger, Norovirus (Feline Calicivirus as surrogate)

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

If in Eyes	Hold eye open and rinse slowly with water 15-20 mins. Remove contact lenses after first 5 mins. 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 going for treatment.
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ACTIVE INGREDIENTS:

Chlorine Dioxide..... 0.200%
Alkyl (60% C14, 30% C16, 5% C12, 5% C18)
dimethyl benzyl ammonium chloride.....0.125%
Alkyl (68% C12, 32% C14) dimethyl
ethylbenzyl ammonium chloride.....0.125%

Other Ingredients:99.550%
Total100.000%



NET CONTENTS: 128 oz.

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 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 Carpet: For synthetic carpet fibers such as nylon, olefin, or polypropylene - not intended for use on wool carpet. 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. Apply by sprayer at a rate of 22 ounces per square yard (approx 1.7 gallons of diluted product per 10 sq. yd). 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.

STORAGE AND DISPOSAL: Store in original closed container in a cool, dry place away from heat and open flame. **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.

Manufactured by: Vital Technologies, Inc
PO Box 2026 Hobe Sound, FL 33475

Customer Service: 1-800-303-5405

EPA Reg. No. 82972-1

EPA Establishment No. 70261-AL-1

ACCEPTED

MAY 26 2009

Under the Federal Insecticide, Fungicide, and
Rodenticide Act as amended, for the
pesticide, registered under
EPA Reg. No. 82972-1

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