

Selectroocide® -2L500-

DISINFECTANT/SANITIZER/VIRUCIDE*/FUNGICIDE/ALGAECIDE/SLIMICIDE/DEODORIZER

PRODUCES TWO LITERS OF 500 PPM CHLORINE DIOXIDE SOLUTION WHEN ACTIVATED

NOTE: This product is registered for public health, non-public health, plant and crop, and broad aesthetic uses. Please refer accompanying technical bulletin for each application in greater detail.

When used as directed, this chlorine dioxide-generating product is proven effective as: a gram-negative **bactericide** against *carbapenem-resistant Enterobacteriaceae: Klebsiella pneumoniae (CRKP)*, a **disinfectant** against *Pseudomonas aeruginosa, Staphylococcus aureus, Salmonella enterica*, methicillin-resistant *S. aureus (MRSA)*, vancomycin-resistant *Enterococcus faecalis, Listeria monocytogenes*, and *Candida albicans*; a **fungicide** against *Trichophyton mentagrophytes [interdigitale]* (athlete's foot); a **sanitizer** against *E. coli* (and *E. coli O157:H7*), *S. aureus, Salmonella typhimurium (MDRS), Klebsiella pneumoniae*, and *Listeria monocytogenes*; a plant and crop **treatment** against *Penicillium digitatum, Botrytis Sp,* and *Fusarium solani*; an **algacide** (*Phormidium boneri*) ***Viruses:** *Corona virus, Feline Calicivirus, Hepatitis A virus, Human Immunodeficiency virus type 1 (HIV-1), Poliovirus-1, Rotavirus, Influenza-A virus, Rhinovirus type 37, Canine Parvovirus, Adenovirus type 5, Herpes Simplex virus type 2, Vaccinia virus, and Norovirus (feline calici used as testing surrogate)*; *kills Pandemic 2009 H1N1 Influenza A virus (formerly called swine flu). See Technical Bulletin (page 3) for ATCC designation numbers of the above-listed organisms.

KEEP OUT OF REACH OF CHILDREN DANGER

(See back panel for other cautions)

Active Ingredient:
Sodium Chlorite:.....30.5%
Other Ingredients:..... 69.5%
Total:.....100.0%

Amount of Chlorine Dioxide generated = 0.05%

Net Weight of contents.....0.44 ounces (12.34 grams)

FIRST AID

If in Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If Swallowed: Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

If Inhaled: Remove victim to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for treatment advice. Get medical attention.

NOTE: THIS PRODUCT IS DESIGNED TO FULLY COMPARTMENTALIZE DRY INGREDIENTS INSIDE A HYDROPHOBIC ENVELOPE. UNDER NORMAL USE CONDITIONS AND UNLESS SEALED PRODUCT ENVELOPE IS COMPROMISED, CONTACT WITH DRY INGREDIENTS SHOULD NOT OCCUR. HOWEVER, IF SEALED PRODUCT ENVELOPE IS COMPROMISED AND THE POTENTIAL FOR CONTACT WITH DRY INGREDIENTS OCCURS, THE ABOVE PRECAUTIONARY HANDLING STATEMENT SHOULD BE FOLLOWED.

Have the product container or label with you when calling a poison control center, doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time (NPIC Web site: www.npic.orst.edu).

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

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Manufactured for: Selective Micro Technologies, LLC 6200 Avery Rd. Suite A Dublin, OH 43016 www.selectivemicro.com

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: DRY INGREDIENTS: CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND CAUSES SKIN BURNS. HARMFUL IF SWALLOWED. WEAR PROTECTIVE EYEWEAR (GOGGLES, FACE SHIELD OR SAFETY GLASSES). WEAR PROTECTIVE GLOVES. IF IN CONTACT WITH DRY INGREDIENTS OCCURS, WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, CHEWING GUM, USING TOBACCO OR USING THE TOILET. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

PHYSICAL OR CHEMICAL HAZARDS

DRY SODIUM CHLORITE IS INCOMPATIBLE WITH ACIDS, REDUCING AGENTS, COMBUSTIBLE MATERIALS, SULFUR-CONTAINING RUBBER, SOLVENTS AND PAINTS. KEEP ACTIVATED SOLUTION FROM LIGHT AND HEAT. CHLORINE DIOXIDE GAS MAY CONCENTRATE IN OPEN SPACE OF CONTAINER IN WHICH PRODUCT IS ACTIVATED. ALWAYS DILUTE ACTIVATED PRODUCT IN WELL-VENTILATED AREA. ALLOW PRODUCT TO FULLY GENERATE PRIOR TO USE.

NOTE: For use in the institutional or commercial applications discussed below and in the accompanying Technical Bulletin. Not for use in households or where young children may be present. Cap is not child-resistant.

When used as directed, on hard, non-porous surfaces (e.g., stainless steel, brass, glass, vinyl, PVC, polypropylene), this product is an effective sanitizer, disinfectant, virucide*, plant and crop bactericide, fungicide, algacide, general-purpose antimicrobial and cleaner for use in a wide range of applications, including but not limited to: hospitals; medical & veterinary facilities; pharmaceutical production facilities, including equipment (e.g., ultracentrifuges); wineries, breweries, and beverage / bottling plants; laboratories and other clinical settings; potable and non-potable water systems and attendant equipment & tubing; restaurants and food processing plants; and greenhouses/horticultural settings. Heavily soiled surfaces must be pre-cleaned prior to treatment. Apply by mop, sponge, or sprayer, ensuring visible wetness for times specified for these applications, or apply through immersion or clean-in-place application. Wear a NIOSH/MHSA-approved respirator appropriate for chlorine dioxide when using a high-pressurized sprayer and under other circumstances detailed in the Technical Bulletin.

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATING SURFACES AND OBJECTS PREVIOUSLY SOILED WITH BLOOD BODY FLUIDS POTENTIALLY CONTAINING HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (HIV-1) (at 100 ppm/10 min. contact time)

- Wear protective barriers such as disposable latex gloves, gowns, masks, and eye coverings when handling items soiled with blood or body fluids.
- Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of Selectrocid 2L500.
- Blood, other body fluids, and contaminated cleaning materials should be autoclaved and disposed of according to local regulations for infectious waste disposal.

DIRECTIONS FOR USE: IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH THE LABELING. READ THE ENTIRE LABEL AND USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND USE.

- 1.) Fill the pouch with tap water (2 liters) to generate the chlorine dioxide solution.
- 2.) Wait at least 2 hours before use to ensure solution reaches full strength to reach 500ppm.
- 3.) Shake gently before use. Direct spout away from face when opening, work in well-ventilated area, and avoid inhaling fumes. Wear protective gloves if hands will come in contact with activated solution during dilution or application.
- 4.) See Technical Bulletin for recommendations regarding dilutions and contact times for specific applications. Before use, verify concentration using Selective Micro Chlorine Dioxide Test Strips to ensure appropriate concentration (see Technical Bulletin for directions if Test Strips indicate lower-than-desired concentration).
- 5.) Activate prior to expiration date stamped on package. Store unused solution (and/or subsequent dilutions) in a dark, oxidation-resistant closed or sealed container. Record activation date and concentration on stick-on label shipped with the product, and affix to storage container. Store activated solution in cool place out of direct sunlight (do not store in refrigerator dedicated to food storage).

Note: Verify concentration using Selective Micro® Test Strips. For concentrations above 10ppm, use Selective Micro® Wide Range test strips; for concentrations of 10ppm or less, use Selective Micro® Low Range test strips.

USE THE FOLLOWING GENERAL DILUTIONS AND TABLE:

General Dilution Instructions: All dilutions begin with a stock solution at a nominal concentration of 500 ppm, except when the product is activated directly to the application concentration (see technical bulletin). Except where otherwise directed, or for other use concentrations (see technical bulletin), use the following dilution instructions to achieve the use concentration indicated:

To Achieve Use Concentration of:	Standard Use Dilution Device or Sprayer With a Dilution Ratio of:
100 ppm	1:5 (one part 500 ppm solution to 4 parts water)
50 ppm	1:10 (one part 500 ppm solution to 9 parts water)
20 ppm	1:25 (one part 500 ppm solution to 24 parts water)
5 ppm	1:100 (one part 500 ppm solution to 99 parts water)
0.25 ppm	1:2,000 (one part 500 ppm solution to 1,999 parts water)
To Achieve Use Concentration of:	Bactericide against carbapenem-resistant Enterobacteriaceae: Klebsiella pneumonia (CRKP)
800 ppm	Generate (1) 1G in 1.5 liters of water for 4 hours

Pease reference Master Label Technical Bulletin for Detailed Use Patterns and Dilution Rates.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. Store in cool, dry, ventilated area. Store below 50° C (122° F). Keep product out of direct sunlight. Store separately from water and acids. If package ruptures and contents spill, do not permit contact of contents with organic materials (for example: clothing or combustible materials) or acids. Pesticide wastes are toxic. Improper disposal of excess dry pesticide is a violation of Federal Law. If this product cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance. Nonrefillable container. Do not reuse or refill this container. Completely empty activated solution in pouch into application equipment. Offer for recycling, if available, or dispose of empty pouch in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Warranty Statement: The Company warrants the product to be free from defects in material and workmanship. THE COMPANY MAKES NO WARRANTY THAT THE GOODS SHALL BE MERCHANTABILITY. THE COMPANY MAKES NO WARRANTY, EXPRESSED OR IMPLIED, EXCEPT SUCH AS IS EXPRESSLY SET FORTH HEREIN. The Company shall not be liable for any incidental or consequential damages for any breach of warranty. The Company's liability for any breach of warranty shall be limited to the purchase price of the product.