



ViolpluS™

The Ultimate Disinfectant and Virucidal

For use in cleaning and disinfecting industrial, animal and agricultural facilities

Powder Form

Effective against Viruses, Bacteria, and Fungi

INGREDIENTS:

Potassium peroxymonosulfate.....21.41%

Sodium Chloride..... 1.50%

OTHER INGREDIENTS 77.09%

TOTAL INGREDIENTS: 100.00%

Equivalent to 9.75% Available Chlorine

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 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 doctor for treatment advice.

IF SWALLOWED: Call a 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 healthcare professional or doctor. Do not give anything by mouth to an unconscious person. Call doctor for treatment advice.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing. Wear goggles (or face shield). Wear protective clothing (long sleeve shirt and long pants, socks plus shoes and chemical resistant gloves such as water proof gloves). Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Powder is Corrosive. Causes eye damage. Remove contaminated clothing and wash clothing before reuse.

Corrosive statement refers to powder only not in use solution.

ENVIRONMENTAL HAZARDS:

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority.

BROAD SPECTRUM DISINFECTANT

ViolpluS® is effective against numerous microorganisms affecting animals: viruses*, gram positive and gram negative bacteria, fungi, and mycoplasma. Efficacy of the 1% solution against bacteria and viruses was determined in the presence of 400 ppm hard water and 5% organic material in most cases.

The exceptions are noted with qualifiers, e.g., “no hard water,” “no soil load,” and “use 2% solution.”

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ViolpluS Dilution Chart

Fill container with desired amount of water and ViolpluS to achieve solution concentration.

Solutions are stable for 7 days.

Do not soak metal objects in ViolpluS™ for long periods - 10 minutes is maximum necessary contact time.

Quantity of Water	0.5% Solution	1% Solution	2% Solution
1 Litre	5gm	10gm	20gm
5 Litre	25gm	50gm	100gm
50 Litre	250gm	500gm	1000gm
100 Litre	500gm	1000gm	2000gm

GENERAL INSTRUCTIONS –POULTRY AND FARM PREMISES

1. Remove all poultry or other animals and feeds from premises, trucks or other vehicles, coops, crates or other enclosures.
2. Remove all litter droppings and manure from floors, walls and surfaces of barns pens, stalls, chutes and other facilities and fixtures occupied or traversed by poultry or other animals.
3. Empty all troughs, racks, and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
5. Saturate surfaces with the disinfecting solution for a period of 10 minutes.
6. 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.
7. Ventilate buildings, cars, boats, coops, and other closed spaces. Do not house poultry or livestock or employ equipment until treatment has been absorbed, set, or dried.
8. Thoroughly scrub treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water

POULTRY AND RATITE PRODUCTION CONTROLS:

Viruses of Newcastle Disease, Avian Laryngotracheitis and Avian Influenza. Bacteria of Streptococcus pyogenes, Klebsiella pneumoniae, Escherichia coli, Salmonella typhimurium, Salmonella enterica, Pseudomonas aeruginosa, Staphylococcus aureus, Staphylococcus epidermidis and Mycoplasma gallisepticum. Viruses of Infectious Bursal Disease, Infectious Bronchitis Virus, Marek's Disease, Egg Drop Syndrome, Turkey Herpes Virus, Duck Viral Enteritis. FUNGI Aspergillus flavus, Fungi of Aspergillus fumigatus and Bacteria of Bordetella avium, Helicobacter pylori.

NOTE: This powder formulation is easily diluted for use in manual or machine operations.

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HATCHERIES: ViolpluS at 1% solution can be used for cleaning and disinfecting hatchers, setters, evaporative coolers, humidifying systems, ceiling fans, chicken houses, transfer trucks, trays, and plastic chick boxes. Saturate surfaces with a 1% solution of ViolpluS with a cloth, mop, mechanical spray, or sponge for a period of 10 minutes. Allow surfaces to air dry. Rinse waterers and feeders with potable water before reuse.

FOGGING (WET MISTING) INSTRUCTIONS – POULTRY AND RATITE PRODUCTION

Follow General Instructions to remove poultry and/or animals from room to be treated. All surfaces must be cleaned and disinfected in accordance with label directions prior to fogging. Fogging is an adjunct or supplement to normal cleaning and disinfection procedures and practices. Close room off, so fog is confined to room to be treated.

Prepare a ViolpluS at dilution of 1.0% to 2.0% in water (1:100 to 1:50). Apply at an application rate of 5 Litre per 560 ft² of floor space. Use a mechanical or plumbed in misting system designed for water-based applications with a droplet size of greater than 50 microns, or a pressure washer/knapsack or tank sprayer to deliver fine mist. Insert the nozzle of the fogging device through a suitable opening in the room.

Do not allow people to breathe or contact the fog or to enter the room until the fog has completely settled or exhausted. Do not house animals or use equipment until treatment has dried. Rinse waterers and feeders with potable water before reuse. Rinse foggers and sprayers with potable water following use.

Note: Individuals must avoid entering the building or room during fogging. If the building or room must be entered, then individuals entering must wear a self-contained respirator, goggles, long shirt sleeves, and pants.

BROILER/BREEDER HOUSES: Follow General Instructions to remove poultry and pre-clean area to be treated. Spray floors and walls with ViolpluS at 1% solution. Thoroughly wash waterers and feeders with a 1% solution of ViolpluS. After contact for 10 minutes, rinse with potable water. Do not house poultry or use equipment until treatment has dried.

PROCESSING PLANTS: Spray ViolpluS at 1% solution to disinfect and clean walls, ceilings and floors. Saturate surfaces for a period of 10 minutes. Allow surfaces to air dry.

Violplus™

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