

**PRECAUTIONARY STATEMENTS**

HAZARDS TO HUMAN AND DOMESTIC ANIMALS.

**DANGER.**

Powder is corrosive in concentrated form. Causes irreversible eye damage or skin burns. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing. Wear protective eyewear, protective clothing and rubber gloves. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**Corrosive statement refers to powder only and not to the product in use dilution.**

**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. For guidance contact your State Water Board or Regional Office of the EPA.

**BROAD SPECTRUM DISINFECTANT, VIRUCIDE, AND DEODORIZER.**

KMPS is a complete, chemically balanced disinfectant. KMPS provides broad spectrum efficacy, killing gram positive and gram negative bacteria, virus, mycoplasma and inhibiting the formation of slime and algae and associated slime forming bacteria in industrial, animal and agricultural facilities and for use in greenhouses, horticulture and aquaculture on hard nonporous surfaces.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage and disposal.

**STORAGE:** Store in a cool dry place in tightly closed container. Keep out of reach of children. Always replace lid after use.

**PESTICIDE DISPOSAL:** Pesticide wastes may be hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use 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.

**CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container.** Triple rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

EFFECTIVE AGAINST:

**BACTERIA**

- Aeromonas hydrophila (ATCC19570)
- Campylobacter jejuni (ATCC 33560)
- Escherichia coli O157:H7 (ATCC 35150)
- Haemophilus somnus (ATCC 700026)
- Mycoplasma gallisepticum (ATCC15302)
- Pectobacterium carotovorum (ATCC15713)
- Pseudomonas aeruginosa (ATCC15442)
- Salmonella enterica (ATCC10708)
- Staphylococcus aureus (ATCC6538)
- Streptococcus suis (ATCC 43765)
- Bordetella avium (ATCC35086)
- Bordetella bronchioseptica (ATCC10580)
- Listeria monocytogenes (ATCC984)
- Streptococcus pneumoniae (ATCC 33400)
- Xanthomonas campestris (ATCC 11058)

**VIRUSES**

- Avian Influenza Virus (H5N1) (Strain VN5N1-PR8/CDC-RG)
- Bovine Adenovirus Type 4
- Bovine Polyoma Virus

**Bovine Pseudocowpox Virus**

- Bovine Viral Diarrhea Virus (Strain : NADL (America Bioresearch laboratories)
- Calf Rotavirus (no hard water –dilute with deionized water)
- Canine Adenovirus (Canine Hepatitis)
- Canine Corona Virus
- Canine Parainfluenza Virus
- Canine Parvovirus (Strain: Cornell-780916-80, ATCC VR-2017)
- Porcine Parvovirus
- Snakehead Rhabdovirus
- Swine Influenza Virus
- Swine Vesicular Stomatitis Virus
- Turkey Herpes Virus (no hard water- dilute with deionized water)
- Vesicular Stomatitis Virus

**Feline Panleukopenia Virus**

- Hog Cholera Virus
- Infectious Laryngotracheitis Virus (Strain LT-IVAX)
- Infectious Pancreatic Necrosis
- Infectious Salmon Anemia Virus
- Marek's Disease
- Mouse Parvovirus
- Pigeon Adenovirus (Strain IDA4: RVB-0146)
- Swine Influenza Virus
- Swine Vesicular Stomatitis Virus
- Turkey Herpes Virus (no hard water- dilute with deionized water)
- Vesicular Stomatitis Virus

**PLANT PATHOGENS**

- Botrytis cinera
- Fusarium oxysporum
- Penicillium oxalicum
- Pythium aphanidermatium
- Rhizoctonia solani
- Sclerotinia sclerotiorum

**DIRECTIONS FOR USE**

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING

**GENERAL INSTRUCTIONS—FARM PREMISES, ANIMAL HOUSING BUILDINGS AND FARM EQUIPMENT**

1. 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

**KMPS Mixing Instructions**

To mix the appropriate use-diluted solution of KMPS, first identify the percent solution desired. Second, fill a clean container with the volume of water for the desired percent solution and then add the associated quantity of powder (using the provided scoop) found in the following table. One scoop (1.3 ounces of powder) added to one gallon of water will yield a 1% solution.

and fixtures occupied or traversed by animals.

Empty all troughs, racks, and other feeding and watering appliances.

2. Thoroughly clean all surfaces with detergent and rinse with water.
3. Saturate all surfaces with the appropriate disinfection solution. Surfaces must remain wet for 10 minutes.
4. Immerse all animal handling equipment and forks, shovels, and scrapers used for removing litter and manure in the

appropriate disinfection solution for 10 minutes. Allow to air dry.

5. Ventilate buildings and other closed spaces. Do not house animals or livestock or use equipment until the disinfection solution has been absorbed, set, or dried.
6. Thoroughly scrub treated feed racks, troughs, automatic feeders, and waterers with detergent and rinse with potable water before reuse.

Quantity of Water	0.5% Solution	1% Solution	2% Solution
1 Quart	0.15 ounces	0.325 ounces	0.7 ounces
1 Gallon	0.65 ounces	1.3 ounces	2.7 ounces
10 Gallons	6.7 ounces	13.4 ounces	26.7 ounces
50 Gallons	33.4 ounces	66.8 ounces	133.5 ounces

**10 minutes is maximum necessary contact time. One gallon of solution is sufficient to treat 135 sq. ft.**

**WATER SYSTEM TANK DISINFECTANT**

Application	Dilution Rate	Instructions
Terminal Disinfection	1:100	Isolate the header tank at the main. Drain the line. Clean out gross soiling and debris. Refill with water and add the appropriate volume of KMPS, mix well and let sit for 10 minutes. Flush the system to all drain off points and let sit for another 50 minutes. Drain the system and refill with clean water.
Continuous Disinfection	1:100	Dose the header tank as required or apply through water system dosing equipment.

**BOOT DIPS**

Use a 1% solution in boot baths for the routine disinfection of footwear. Replace the solution daily or more often if the solution becomes visibly soiled.

**HATCHERIES**

KMPS at 1% solution can be used for cleaning and disinfecting hatchers, setters, evaporative coolers, humidifying systems, transfer trucks, trays, racks, carts, sexing tables and plastic chick boxes. Saturate surfaces with a 1% solution with a coarse spray, cloth, mop or sponge and let sit for a period of 10 minutes. Allow surfaces to air dry.

**BROILER/BREEDER HOUSES**

Follow General Instructions to remove poultry and clean the area to be treated. Spray floors and walls with KMPS at 1% solution. Thoroughly wash waterers and feeders with a 1% solution

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of KMPS. After contact for 10 minutes, rinse with potable water. Do not house poultry or use equipment until treatment has dried.

**PROCESSING PLANTS**

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

**SWINE PRODUCTION**

Follow General Instructions to remove swine and clean the area to be disinfected. Use a 1% solution of KMPS for cleaning and disinfecting farrowing units, nurseries, finisher houses, processing plants, and agricultural production equipment such as trucks, rubber boots and associated livestock equipment. Saturate surfaces with a 1% solution 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.

**EQUINE FACILITIES****APPLICATIONS**

For cleaning and disinfecting all hard, non-porous surfaces, equipment, utensils and instruments in equine veterinary practices and stables.

**USES**

Barn Aisles, Stables, Box Stalls, Tack, Equipment, Transport Vehicles and Trailers and Feed Rooms: Follow General Instructions to remove animals from area to be treated. Thoroughly clean or dry-clean surfaces, then wash the area manually or with pressure washer with a 1% KMPS solution, saturating surfaces for a period of 10 minutes. Allow surfaces to air dry. Rinse waterers and feeders with potable water before reuse.

**BOVINE PRODUCTION**

Follow General Instructions to remove livestock and pre-clean the area to be treated. Use a 1% solution of KMPS to disinfect areas associated

with bovine housing, hospital quarantine pens, feedlot facilities, and agricultural production equipment: such as trucks, rubber boots and associated livestock equipment and instruments. Saturate surfaces with a 1% solution of KMPS with a cloth, mop, mechanical spray, or sponge and allow to sit for a period of 10 minutes. Allow surfaces to air dry. Rinse waterers and feeders with potable water before reuse.

**COMPANION ANIMALS****APPLICATIONS**

Use a 1% solution of KMPS as a "one step" cleaning and disinfecting procedure (Remove visible soil before application of the disinfecting/cleaning solution) for all surfaces, equipment, instruments, utensils and cages within Veterinary Medical Hospitals, quarantine areas, laboratory animal quarters, grooming and boarding facilities, kennels, catteries and animal transportation vehicles. Saturate surfaces with a 1% solution

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of KMPS with a cloth, mop, spray, or sponge and allow to remain for a period of 10 minutes. Allow surfaces to air dry. Rinse waterers and feeders with potable water before reuse. Do not immerse metal objects for long periods -10 minutes is maximum contact time.

**GREENHOUSES AND HORTICULTURE**

KMPS is intended to disinfect inanimate environmental surfaces: such as floors, walls, glass greenhouse structures, ventilation equipment, utensils, trays, containers, water systems, evaporative coolers, storage rooms, and vehicles in greenhouses and other horticultural settings prior to introduction or reintroduction of plants, seeds, or soil. Must not be applied to plants, seeds, or soil. If necessary, remove or cover these items prior to use of the product. For surfaces and equipment including pots, flats, trays, pruning equipment, carts and transport vehicles: Sweep and remove all plant

debris. Surfaces should be clean at the start and any visible soil should be removed from hard non-porous surfaces prior to treatment. Use a high pressure washer to wash all surfaces to remove loose dirt. Use a dilution of 1:100 (1.3 oz powder concentrate added to 1 gallon of water). Use a dilution of 1:50 or 2.6 oz. KMPS per gallon of clean water if surfaces to be treated have not been pre-cleaned. Apply the solution with a mop, sponge, or power sprayer, to thoroughly wet all surfaces. Heavy growth of algae or fungi may have to be scrubbed off following application.

**FOR EVAPORATIVE COOLERS**

Surfaces should be visibly clean prior to treatment. Treat existing algae and slime contaminated surfaces with a 1:100 dilution of KMPS.

KMPS MAY ALSO BE USED TO DISINFECT IRRIGATION TANKS AND LINES Create a 1% stock solution. Run the 1% solution through the system or soak equipment in a 1% solution. Let stand for ten minutes and then flush the system with clean water.

**AQUACULTURE**

KMPS is intended to disinfect inanimate environmental surfaces associated with aquaculture production including vehicles, dip nets, boots, waders, hoses, brushes and other similar equipment. KMPS must not be applied directly to water.

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**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 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further 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 further treatment advice.

**IF SWALLOWED:** Call a 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.

Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

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

**Manufactured for**  
EnVyss, LLC  
178 Rowland Pointe  
Morganton, GA 30560

**For information**  
US/Canada 770-934-4242

Disinfectant

**KMPS**

Disinfectant &amp; Virucide

**For Use in Cleaning or Disinfecting Industrial, Commercial, Animal and Agricultural Facilities. KMPS can also be used as a deodorizer.**  
Effective against  
**Viruses • Bacteria**

ACTIVE INGREDIENTS  
Potassium peroxymonosulfate 21.40%  
Sodium Chloride 1.50%  
OTHER INGREDIENTS 77.10%  
TOTAL 100.00%

KEEP OUT OF REACH OF CHILDREN  
**DANGER/ PELIGRO**

See Inside Booklet for Additional Precautions  
EPA REG NO. 92589-1  
EPA EST. NO. 92565-IND-1

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Net Contents:  
**10 LB (4.53kg)**

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Bar Code FPO