

IPM 34 66171-1 3-398 10/2

ADVANTAGE 256

CLEANER-DISINFECTANT-DEODORANT

STAPHYLOCIDAL-PSEUDOMONACIDAL-SALMONELLACIDAL-TUBERCULOCIDAL-FUNGICIDAL-VIRUCIDAL* AT 1:256 DILUTION IN SOFT OR HARD WATER. FOR HOSPITAL, INSTITUTIONAL, POULTRY HOUSE AND FARM PREMISE USE.

ACTIVE INGREDIENTS:

ortho-Phenylphenol11.0%
ortho-Benzyl-para-Chlorophenol6.0%
para-Tertiary-Amylphenol4.0%

INERT INGREDIENTS:.....79.0%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

See First aid statement and additional precautions on side panel

STORAGE AND DISPOSAL

- Store away from heat.
- Do not transfer to another container.
- Do not reuse empty container.
- Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL:

Pesticide wastes are acutely 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 instruction, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL:

Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Gallons or smaller: Do not reuse empty container. Rinse empty container thoroughly and discard in trash.

Metal: Triple rinse (or equivalent). Then offer for recycling or recondition, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

EPA Registration No.: 66171-1

EPA Establishment No.: 66171-TN-001

PRECAUTIONS STATEMENTS
Hazards to humans and domestic animals

DANGER - KEEP OUT OF REACH OF CHILDREN. Corrosive. Causes eye damage and severe skin irritation. Avoid breathing spray mist. Do not get in eyes, on skin or on clothing. Protect eyes and skin when handling concentrate. Harmful or fatal if swallowed. Avoid contamination of food. Protective gloves are recommended when working with solution.

ENVIRONMENTAL HAZARDS: This product is toxic to fish. Keep out of lakes, ponds, or streams. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water 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.

STATEMENT OF PRACTICAL TREATMENT

FIRST AID: In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink large quantities of water. Avoid alcohol and call a physician.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

Manufactured by
PRESERVE
INTERNATIONAL
P.O. Box 10527
Zephyr Cove, NV 89448

ADVANTAGE 256 is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with bloodstream or normally sterile areas of the body, or (2) contact intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. ADVANTAGE 256 may be used to preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

GENERAL USE DIRECTIONS:

1. Recommended for use on precleaned hard, non-porous surfaces.
2. To disinfect and deodorize walls, floors, tables, drinking fountains, sinks, refrigerators, stoves, restroom fixtures, telephone booths, bird cages, kennels, and garbage cans. Apply a solution of 1/2 ounce Product Disinfectant per gallon water (dil 1:256). Apply with cloth, sponge, mop or mechanical spray device, making sure all surfaces are wetted thoroughly. Allow surfaces to remain wet for 10 minutes. All surfaces must be rinsed with clean water and allowed to dry before reuse.
3. For combs, brushes, razors, scissors, instruments, and rubber goods. All articles must be precleaned to remove heavy soil and gross filth. Clean and rinse the lumens of hollow instruments before filling with solution. Wipe articles clean and soak for 10 minutes by immersion in a solution containing 1/2 ounce Product Disinfectant per gallon of water (dil 1:256). Rinse all articles with clean water.
4. To disinfect fabrics such as sheets, linens, aprons and uniforms, first preclean to remove gross filth and heavy soil, then soak for 10 minutes in a solution containing 1/2 ounce of Product Disinfectant per gallon of water (dil 1:256). Rinse in clean water and allow to dry.
5. Fresh solution should be prepared daily or when used solution becomes visibly dirty.

HATCHING EGG SANITIZER:

ADVANTAGE 256 is recommended for sanitizing hatching eggs at water temperatures of 78 degrees F to 110 degrees F and recommended dilution of 1/2 oz. per gallon of water (1:256) to be applied through immersion, automatic water system, foaming or fogging (wet misting) systems.

ADVANTAGE 256 is recommended for use in fogging (wet mist) operations as an adjunct prior to acceptable manual cleaning and disinfecting of room surfaces. Use at a dilution of 1/2 ounce per gallon (1:256). Check with a Preserve International representative to determine an effective fogging schedule. Leave the room when fogging. In well ventilated areas, such as hatcheries, only 10-15 minutes is necessary before re-entering. If used in a poorly ventilated area, allow at least 2 hours, or air thoroughly, before re-entry. Before fogging food processing areas, all food and food packaging items must be removed or carefully protected. Treated food contact surfaces must be thoroughly scrubbed with ADVANTAGE 256 at 1/2 ounce per gallon (1:256) and rinsed with potable water prior to reuse.

DIRECTIONS FOR USE IN POULTRY HOUSE, FARM PREMISES, SWINE PRODUCTION FACILITIES, EQUINE FACILITIES, VEAL BARN, RATITES FACILITIES AND CALF PENS:

1. Do not use in milking stalls, milking parlors, or milk houses.
2. Remove all animals and feed from the premises, vehicles, and enclosures.
3. 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.
4. Empty all troughs, racks, and other feeding and watering appliances.
5. Thoroughly clean and saturate all surfaces with a solution of 1/2 oz. Advantage 256 per gallon of water (1:256), using conventional spraying methods. Allow to remain in contact for at least 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 in a solution of 1/2 oz. Advantage 256 per gallon of water (1:256). Allow to remain in contact for 10 minutes.
7. Thoroughly scrub all treated feed racks, troughs, automatic feeders, fountains, waterers, mangers, hatchery, setters, trays, racks, sexing tables and delivery trucks with a solution of Advantage 256 at 1/2 oz. per gallon of water (1:256). Rinse with potable water before reuse.
8. 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.

SHOEBATHS:

Shoebath containing one inch of freshly made disinfectant solution (1:256) should be placed at all entrances to buildings and hatcheries. Change the disinfectant solution in the bath daily or more often.

ACCEPTED
MAR - 3 1998
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 66171-1

NET CONTENTS: ___ U.S. GALLONS

DESCRIPTION: A synthetic detergent with broad spectrum kill of micro-organisms both gram positive and negative. For cleaning and disinfecting. Non-flammable and non-volatile in use dilutions. For use on electrically conductive floors. Dilutes clear at (1:256) in hot, cold, soft or hard water. Contains biodegradable detergent. Dilute as directed using standard measuring cup or jug pump. Do not mix with other cleaners.

Proven effective on hard, inanimate, non-porous surfaces for hospital use:
A.O.A.C. (Use Dilution)

The following tests run in conformance with A.O.A.C. Fifteenth Edition and all tests in presence of A.O.A.C., 1000 ppm water hardness and 10% organic soil.

Test Method	Dilution	Test Method	Dilution
Salmonella enteritidis #13076	1:256	*Adenovirus, type 2 #VR-846	1:256
Trichophyton mentagrophytes #9129	1:256	Staphylococcus aureus, methicillin resistant #25923	1:256
*Vaccinia virus #VR-1354	1:256	Staphylococcus aureus, gentamicin resistant #25923	1:256
*Avian Influenza virus, VR-2072	1:256		

The following tests run in conformance with A.O.A.C. Fifteenth Edition and all tests in presence of A.O.A.C., 1000 ppm water hardness and 5% organic soil.

Test Method	Dilution	Test Method	Dilution
Staphylococcus aureus #6538	1:256	*HIV-1 (Aids Virus)	1:256
Pseudomonas aeruginosa PRD-10 #15442	1:256	*Pseudorabies virus, Aujeszky Strain #VR-135	1:256
Salmonella choleraesuis #10708	1:256	*Transmissible gastroenteritis virus - Purdue Strains #VR-763	1:256

The following tests dilute clear at (1:256) in hot, cold, soft or hard water of up to 500 ppm water hardness.

Test Method	Dilution	Test Method	Dilution
Salmonella typhosa #6539	1:256	Trichophyton Interdigitale #640	1:307
Staphylococcus aureus #14154	1:256	A.O.A.C. (Tuberculocidal Test)	
Streptococcus hemolyticus #9342	1:256	Mycobacterium tuberculosis BCG	1:256
Diplococcus pneumonia #6303	1:256	*Adapt (Virucidal Test) influenza Type A2,	
Escherichia coli #11229	1:256	Taiwan Strain-Asian Flu	1:256
Proteus vulgaris #8427	1:256	Herpes Simplex WI-38	1:256
Streptococcus fecalis #8043	1:256		

DIRECTIONS FOR USE:

It is in violation of Federal Law to use this product in a manner inconsistent with its labeling. Recommended for disinfecting and deodorizing all pre-cleaned hard surfaces such as floors, walls, tile, stainless steel, aluminum, chrome, vinyl and glass surfaces. Suitable for use in Operating Rooms, Intensive Care, Emergency Areas, Nurseries, Patients' Rooms and Rest Rooms.

TUBERCULOCIDAL USE DIRECTIONS:

Thoroughly clean surface prior to application of product. Use 1/2 oz. product per gallon of water. Apply with cloth, sponge, mop or mechanical spray device. Effective in 10 minutes at 20°C. Wipe dry and allow to air dry.

HOSPITAL USE DIRECTIONS:

1. Recommended for use on precleaned, hard, non-porous, inanimate surfaces.
2. To disinfect and deodorize floors, walls and other similar hard surfaces, use 1/2 ounce Product Disinfectant per gallon of water (dil 1:256). Apply with cloth, sponge, mop or mechanical spray device, making sure all surfaces are wetted thoroughly. Allow surfaces to remain wet for 10 minutes at 20°C. Wipe dry or allow to air dry.
3. Fresh solution should be prepared daily or when used solution becomes visibly dirty.

KILLS HIV ON PRECLEANED 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 in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of human immunodeficiency virus type 1 (HIV-1) (associated with AIDS).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

- **PERSONAL PROTECTION:** When handling items soiled with blood or body fluids, use protective equipment such as disposable rubber gloves, gowns, masks or eye coverings.
- **CLEANING PROCEDURE:** Blood and body fluids must be thoroughly cleaned from surfaces and objects before application of this disinfectant.
- **CONTACT TIME:** To kill HIV-1 (AIDS virus) a contact time of 10 minutes at room temperature must be allowed.
- **DISPOSAL OF INFECTIOUS MATERIALS:** Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

SANITIZING ROOMS USING A THERMAL FOGGER:

Fogging is to be used as an adjunct prior to acceptable manual cleaning and disinfecting of room surfaces. Close room off so fog is confined to room to be treated. Mix one (1) part ADVANTAGE 256 to five (5) parts water. (1/2 gallon ADVANTAGE 256 to 2.5 gallons of water). Insert the nozzle of the fogger through a suitable opening into the room. With the setting on maximum output, fog for one (1) minute to reach 4,000 cubic feet of space in the room with the thermal fogger. Do not allow people to breath or contact the fog or to enter the room until the fog has completely settled or exhausted. Normally this is 1-4 hours in this environment (less time if area is well ventilated).

*NOTE: The fog generated by this method is very irritating to eyes, skin, and mucous membranes. Under no circumstances should a room or building be entered by anyone until the fog has completely settled, normally 1-4 hours after fogging. If the building or room must be entered, then the individuals entering the building or room must wear a self contained respirator approved by NIOSH/MSHA, goggles, long shirt sleeves and pants.