

## PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER. CORROSIVE.** Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. When handling product, protect eyes by wearing goggles or face shield and protect skin by wearing rubber gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

## 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.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes.

**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.

Call a poison control center or doctor for treatment advice. 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. Measures against circulatory shock, respiratory depression and convulsion may be needed.

(Note to reviewer: If container size is 5 gallons or greater, the following Environmental Hazards statements will be used.)

## 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.

## FORMULATION HWS-256

## ONE-STEP DISINFECTANT

## GERMICIDAL DETERGENT AND DEODORANT

|               |                 |
|---------------|-----------------|
| Disinfectant  | Pseudomonacidal |
| Staphylocidal | Salmonellacidal |
| Bactericidal  | Fungicidal      |
| Mildewstatic  | *Virucidal      |

FLORAL / CITRUS / FRESH / CLEAN / LEMON / PINE /  
MINT (scent)(fragrance)(odor)(scented)

## Active Ingredients:

Didecyl dimethyl ammonium chloride..... 10.14%  
n-Alkyl (C<sub>14</sub> 50%, C<sub>12</sub> 40%, C<sub>16</sub> 10%)

dimethyl benzyl ammonium chloride ..... 6.76%

Inert Ingredients: ..... 83.10%

Total ..... 100.00%

## KEEP OUT OF REACH OF CHILDREN

## DANGER

(See side / right / left / back panel for additional  
precautionary statements and First Aid)

EPA Reg. No. 47371-129

EPA Est. No. (insert Est. No. here)

NET CONTENTS (insert container size here)

H&S CHEMICALS DIVISION

c/o LONZA INC.,

17-17 ROUTE 208, FAIR LAWN, NJ 07410

**ACCEPTED**

NOV 20 2002

Under the Federal Insecticide, Fungicide, and  
Rodenticide Act as amended, for the  
pesticide, registered under  
EPA Reg. No. 47371-129

(Note to reviewer: The following is considered optional marketing language:)

- Concentrate (Concentrated)
- Neutral (Neutral pH)
- Disinfects (Disinfectant)
- Cleans (Cleaner)
- Deodorizes (Deodorizer)

A multi-purpose, neutral pH, germicidal detergent and deodorant effective in hard water up to 400 ppm (calculated as CaCO<sub>3</sub>) in the presence of a moderate amount of soil (5% organic serum) according to the AOAC Use-dilution Test. Disinfects, cleans, and deodorizes in one labor-saving step.

Recommended for use in hospitals, nursing homes, schools, colleges, commercial and industrial institutions, office buildings, veterinary clinics, animal life science laboratories, zoos, federally inspected meat and poultry plants, equine farms, tack shops, pet shops, airports, kennels, hotels, motels, poultry farms, turkey farms, dairy farms, hog farms, breeding establishments, grooming establishments, funeral homes, and households. Use to clean and disinfect non-medical (i.e. industrial and fire-fighting) respirators in industrial, commercial and institutional premises.

Disinfects, cleans, and deodorizes the following hard nonporous inanimate surfaces: floors, walls, (non-medical) metal surfaces, (non-medical) stainless steel surfaces, glazed porcelain, plastic surfaces (such as polypropylene, polystyrene, etc.).

Recommended for use in:

- Federally inspected meat and poultry plants on all hard, nonporous surfaces in inedible product processing areas, non-processing areas, and / or exterior areas. All surfaces must be thoroughly rinsed with potable water.
- Federally inspected meat and poultry plants as a floor and wall cleaner for use in all departments. Food products and packaging material must be removed from the room or carefully protected. All surfaces must be thoroughly rinsed with potable water.
- Federally inspected meat and poultry plants as a disinfectant agent for use in all departments. Food products and packaging materials must be removed from the room or carefully protected. Use product in accordance with its label. All surfaces must be thoroughly rinsed with potable water.

Effective against the following pathogens:

(Bacteria:)

Pseudomonas aeruginosa<sup>1</sup>  
Staphylococcus aureus<sup>1</sup>  
Salmonella choleraesuis

Acinetobacter calcoaceticus  
Bordetella bronchiseptica  
Chlamydia psittaci  
Enterobacter aerogenes  
Enterobacter cloacae  
Enterococcus faecalis – Vancomycin Resistant (VRE)  
Escherichia coli<sup>1</sup>  
Fusobacterium necrophorum  
Klebsiella pneumoniae<sup>1</sup>  
Legionella pneumophila  
Listeria monocytogenes  
Pasteurella multocida  
Proteus mirabilis  
Proteus vulgaris  
Salmonella enteritidis  
Salmonella typhi  
Salmonella typhimurium  
Serratia marcescens  
Shigella flexneri  
Shigella sonnei  
Staphylococcus aureus – Methicillin resistant (MRSA)  
Staphylococcus aureus – Vancomycin Intermediate Resistant (VISA)  
Staphylococcus epidermidis<sup>2</sup>  
Streptococcus faecalis<sup>1</sup>  
Streptococcus pyogenes

<sup>1</sup> ATCC & antibiotic-resistant strain

<sup>2</sup> antibiotic-resistant strain only

(Viruses:)

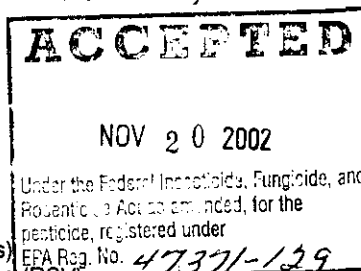
\*Adenovirus Type 4  
\*Hepatitis B Virus (HBV)  
\*Herpes Simplex Type 1  
\*Herpes Simplex Type 2  
\*HIV-1 (AIDS virus)  
\*Influenza A / Hong Kong  
\*Vaccinia  
\*Rubella (German Measles)  
\*Respiratory Syncytial Virus (RSV)

(Animal Viruses:)

\*Avian polyomavirus  
\*Canine distemper  
\*Feline leukemia  
\*Feline picornavirus  
\*Infectious bovine rhinotracheitis  
\*Infectious bronchitis (Avian IBV)  
\*Pseudorabies (PRV)  
\*Rabies  
\*Transmissible gastroenteritis virus (TGE)

(Fungi:)

Aspergillus niger  
Candida albicans  
Trichophyton mentagrophytes





**SALON (BARBER) INSTRUMENTS AND TOOLS  
DISINFECTION (BACTERICIDE) / VIRUCIDE / FUNGICIDE  
DIRECTIONS:**

Mix ½ oz. of **Formulation HWS-256** per gallon of water (or equivalent dilution) to disinfect hard, nonporous instruments and tools. Completely immerse combs, brushes, rollers, razors, scissors, blades, manicure and other salon instruments and tools for 10 minutes. For heavily soiled instruments and tools, a preliminary cleaning is required. Rinse thoroughly and dry before use. Prepare a fresh solution daily or more often if the solution becomes visibly diluted, cloudy or soiled.

**Note:** Plastics may remain immersed until ready to use. Stainless steel shears and instruments must be removed after 10 minutes, rinsed, dried and kept in a clean, non-contaminated receptacle. Prolonged soaking may cause damage to metal instruments.

**CLEANSING OF BODY SURFACES AND BODY ORIFICES OF HUMAN REMAINS:** This product removes body secretions, soil, and blood, along with their accompanying malodor, from the surfaces and orifices of human remains. Using a sponge or washcloth, bathe the entire body with a use-solution of ½ oz. per gallon of water. A soft hand brush may be employed on surfaces other than the face. Prepare a fresh solution for each (cadaver) remains or when solution becomes visibly dirty or diluted.

**FARM PREMISE, LIVESTOCK, POULTRY & TURKEY  
HOUSE DISINFECTANT**

DILUTION: 1:256

½ ounce per gallon of water

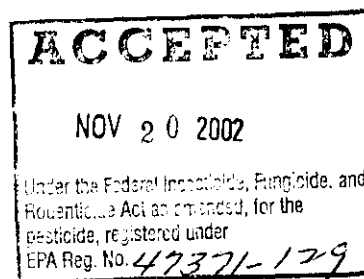
1. Remove all animals and feeds from premises, trucks, coops, crates, and enclosures.
2. Remove all litter and manure from floors, walls, and surfaces of barns, pens, stalls, chutes, vehicles, and other facilities and fixtures occupied or traversed by animals.
3. Empty all troughs, racks, and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent, and rinse with water.
5. Saturate all surfaces with the recommended 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, coops, cars, trucks, boats, and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set, or dried.
8. After treatment with disinfectant, thoroughly scrub feed racks, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

**VETERINARY PRACTICE / ANIMAL CARE / ANIMAL  
LABORATORY / ZOOS / PET SHOP / KENNELS  
DISINFECTION DIRECTIONS:**

For cleaning and disinfecting the following hard nonporous surfaces: equipment not used for animal food or water, utensils, instruments, cages, kennels, stables, catteries, etc. Remove all animals and feeds from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use-solution of ½ oz. of **FORMULATION HWS-256** per gallon of water (or equivalent dilution) for a period of 10 minutes. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried.

**CITRUS CANKER DISEASE CONTROL**

For prevention of Citrus Canker Disease through treatment of equipment. Effective against *Xanthomonas axonopodis* pv. citri (Citrus Canker Disease) at 2000 ppm active quat. Treatments can be applied to trucks, attached trailers, and field equipment including cargo area, wheels, tires, undercarriage, hood, roof, fenders, and any other equipment taken into infested areas. Saturate surfaces with a 1:84 use-dilution (5 oz. per 3¼ gallons of water) (or equivalent dilution) (2000 ppm active quat) for a period of 10 minutes. Allow to air dry. All surfaces that come in contact with food or crop must be rinsed with potable water before reuse. To prevent the spread of Citrus Canker Disease by this artificial means of transportation, treatments are made by trigger spraying, dipping or brushing. Clothing should be thoroughly rinsed or laundered before reuse. Footwear should be rinsed before reuse.



(Note to reviewer: If the container size is one gallon or less, the following Storage and Disposal directions will be used.)

#### STORAGE AND DISPOSAL

Keep product under locked storage, inaccessible to children. Do not reuse empty container. Rinse thoroughly, securely wrap empty container in several layers of newspaper, and discard in trash or recycle.

(Note to reviewer: If the container size is greater than one gallon, the following Storage and Disposal directions will be used.)

#### STORAGE AND DISPOSAL

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

#### PESTICIDE STORAGE

Keep product under locked storage, inaccessible to children. Open dumping is prohibited. Do not reuse empty container.

#### 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 instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

#### CONTAINER DISPOSAL

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

(Fiber Drums With Liner:) Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

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

