

[Check with LARA Office before adding the USDA statement below.]

Authorized by USDA for use in Federally inspected meat and poultry plants.

KILLS HIV-1 (AIDS VIRUS) AND HERPES SIMPLEX TYPE 2 VIRUS ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS

ACCEPTED

MAY 11 1990

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 334-372

# A-PLUS GERMICIDAL SPRAY & WIPE CLEANER AND SURFACE DEODORANT

A READY-TO-USE MULTI-PURPOSE HOSPITAL USE AND BROAD-SPECTRUM DISINFECTANT • ANTIMICROBIAL • CLEANER • DEODORIZER FOR USE ON HARD, NONPOROUS, INANIMATE SURFACES IN INDUSTRIAL, INSTITUTIONAL, COMMERCIAL, RESIDENTIAL, AND MEDICAL FACILITIES, EQUIPMENT, AND VEHICLES.

**VIRUCIDAL\* • BACTERICIDAL PSEUDOMONICIDAL • STAPHYLOCIDAL**  
(Specific species/agents\* listed on back panel.)

### ACTIVE INGREDIENTS:

n-Alkyl(60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>12</sub> , 5% C <sub>18</sub> ) dimethyl benzyl ammonium chlorides	0.105%
n-Alkyl(68% C <sub>12</sub> , 32% C <sub>14</sub> ) dimethyl ethylbenzyl ammonium chlorides	0.105%
<b>INERT INGREDIENTS</b>	<b>99.790%</b>
<b>TOTAL</b>	<b>100.000%</b>

**KEEP OUT OF REACH OF CHILDREN. WARNING**

SEE ADDITIONAL PRECAUTIONARY AND PRACTICAL TREATMENT (FIRST AID) STATEMENTS ON BACK PANEL.

EPA Reg. No. 334-372

EPA Est. No. 334-1L-1

MANUFACTURED BY **h y s a n** CORPORATION  
OTHER LOCATIONS Waco, TX 76712 Blue Island (Chicago), IL 60406  
MAIN OFFICE CHICAGO, IL 60609 Cartersville (Atlanta), GA 30120

**NET 32 FL OZ (1 QT) 946 mL**

NOTE: Minimum type size on back panel is 6 points. (A reduction to 80% will give about 6 point type with about 14 1/2 pica column width.)

### FEATURES, CLAIMS, AND USES

**READY-TO-USE TRIPLE-ACTION PRODUCT:** Decontaminates surfaces three ways, leaving them thoroughly cleaned, disinfected, and deodorized. Controls cross-contamination from treated surfaces in medical facilities. Eliminates dilution errors, product contamination, and other problems common to products that require dilution and mixing.

**HIGHLY EFFECTIVE CLEANING ACTION:** Dissolves soap scum and cleans away dirt, grease, body oils, and grime. Contains no abrasives; will not scratch delicate surfaces.

**HOSPITAL-TYPE DISINFECTING ACTION:** Broad-spectrum antimicrobial activity destroys both pathogenic microorganisms and ones which create unpleasant odors and other undesirable effects on inanimate environmental surfaces.

**VIRUCIDAL\*** inactivates these agents: Human immunodeficiency virus Type 1 (HIV-1; a retrovirus that causes "AIDS" [Acquired Immune Deficiency Syndrome]) and Herpes simplex Type 2 (a herpesvirus that causes "genital herpes").

**BACTERICIDAL** kills the species: Pseudomonas aeruginosa, Salmonella choleraesuis, and Staphylococcus aureus.

**DUAL-DEODORIZING ACTION:** Fresh-scented to quickly suppress unpleasant odors from many sources as it destroys microorganisms that cause putrefactive odors.

**USED IN:** Hospitals, Medical and Dental Facilities, Laboratories, Nursing Homes, Veterinary Facilities, Food Processing and Handling Facilities, Public Buildings & Public Transportation, Schools, Hotels & Motels, Stores, Restaurants & Cafeterias, Factorles, Warehouses, Homes, Apartments, Equipment, Vehicles, and other similar areas.

**USED ON:** Most ceramic, enameled, glass, metal, painted, plastic, porcelain, varnished, and sealed concrete, leather, wood, and similar hard, nonporous surfaces.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** Causes moderate eye irritation. Avoid contact with eyes, skin, and clothing. Do not take internally. Avoid breathing spray mists.

#### STATEMENTS OF PRACTICAL TREATMENT

**GENERAL:** QUICKLY follow directions below AND call a Poison Control Center (or emergency department or physician). Always get quick medical attention for ANY ill effects which continue (or show up later).

**IF IN EYES:** Flush eyes with plenty of water while removing any contact lenses, then hold eyelids open and flush eyes thoroughly with water.

**IF ON SKIN, CLOTHING, ETC.:** Remove any contaminated clothing, shoes, jewelry, etc. (clean them thoroughly before wearing), and wash affected skin with water.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**GENERAL:** Apply undiluted product with a sprayer or by other suitable means. Avoid contamination of food. After using this product on any food/drink/feed-contact surfaces and processing equipment, rinse them thoroughly with potable (drinking) water.

**TO KILL HIV-1 (AIDS virus) ON PRE-CLEANED SURFACES/OBJECTS** (in health care or other settings with inanimate environmental surfaces/objects associated with the potential for transmission of HIV-1 and likely to be soiled with blood/body fluids), follow these additional **SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATING AGAINST HIV-1 ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS:** PERSONAL PROTECTION- Barrier protection items such as disposable latex gloves, gowns, masks, and eye coverings should be worn when handling items soiled with blood/body fluids. **CLEANING PROCEDURE-** Blood/body fluids must be thoroughly cleaned from surfaces/objects before application of this product as a disinfectant. **CONTACT TIME-** Leave surfaces wet for 10 minutes. **DISPOSAL OF INFECTIOUS MATERIALS-** Blood/body fluids and other materials removed from or used to clean surfaces/objects should be autoclaved and disposed of according to Federal, State, and local regulations for infectious waste disposal.

**FOR CLEANING AND DEODORIZING:** Apply an even coating over the surface. For heavily soiled surfaces, allow product to penetrate for a minute. Clean surface thoroughly with a clean cloth, towel, or by other means.

**FOR DISINFECTING HARD, NONPOROUS SURFACES:** Apply a thin coating of product to cleaned surface, making sure that it completely covers and wets the area to be treated. For proper disinfection, apply at approximately 20°C (68°F), then allow 10 minutes for it to act before rinsing surface or wiping off with a clean, damp cloth.

#### STORAGE AND DISPOSAL

**GENERAL:** Do not contaminate other materials (including water, food, and feed) during transport, use, storage, and disposal. If damaged, leaking, or spilled, soak up and wrap any waste, then dispose of as below.

**STORAGE:** Keep in upright, tightly closed original container in a cool, dry, locked area inaccessible to children and away from sources of ignition, heat, degradation, and contamination (including flames, sparks, hot surfaces, sunlight, and other chemicals).

**DISPOSAL:** Do not reuse empty container. Rinse original container thoroughly, then securely wrap in several layers of newspaper and discard in trash.

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Made in U.S.A.

67220

Hysan Product Name: **A-PLUS**  
Hysan Product #: **67220-32-X-XX-XXXXX**  
Disk Volume: 048 (L); Filename: A67220-32 EPA; Date Last Revised: 02-16-90  
Product File Name at EPA: A-Plus Germicidal Spray & Wipe Cleaner

(SEE ADDITIONAL COPY ON BACK.)

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## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

### TOILET AND URINAL BOWLS

**TO CLEAN AND DEODORIZE:** Flush unit and remove water by plunging it over the trap with a bowl mop (swab). A pre-cleaning step with an acid bowl cleaner, abrasive pad, or scraper may be necessary to remove built-up hard water deposits, rust stains, and other stubborn surface residues. Apply this product to all interior surfaces with a sprayer or other suitable applicator, especially up under the flush rim, into water inlets, down into trap, and into any grooves or recesses. Allow about a minute for the product to start penetrating and cleaning, then use bowl mop to scrub the treated surfaces. Flush the unit.

**TO KILL HIV-1 (Human immunodeficiency virus Type 1; AIDS virus) ON PRE-CLEANED SURFACES/OBJECTS** (in health care or other settings with inanimate environmental surfaces/objects associated with the potential for transmission of HIV-1 and likely to be soiled with blood/body fluids), follow these additional **SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATING AGAINST HIV-1 ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS:** **PERSONAL PROTECTION-** Barrier protection items such as disposable latex gloves, gowns, masks, and eye coverings should be worn when handling items soiled with blood/body fluids. **CLEANING PROCEDURE-** Blood/body fluids must be thoroughly cleaned from surfaces/objects before application of this product as a disinfectant. **CONTACT TIME-** Leave surfaces wet for 10 minutes. **DISPOSAL OF INFECTIOUS MATERIALS-** Blood/body fluids and other materials removed from or used to clean surfaces/objects should be autoclaved and disposed of according to Federal, State, and local regulations for infectious waste disposal.

**TO DISINFECT:** Apply a thin coating of product to cleaned inside surfaces above water level, making sure that it completely covers and wets the area to be treated. For proper disinfection, apply at approximately 20°C (68°F), then allow 10 minutes contact time before flushing unit.

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Made in U.S.A.

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NOTE: Below are the Storage and Disposal statements for containers larger than 1 gal.

### STORAGE AND DISPOSAL

**GENERAL:** Do not contaminate other materials (including water, food, and feed) during transport, use, storage, and disposal. If damaged, leaking, or spilled, dispose of as below.

**STORAGE:** Keep in upright, tightly closed original container in a cool, dry, locked area inaccessible to children and away from sources of ignition, heat, degradation, and contamination (including flames, sparks, hot surfaces, sunlight, and other chemicals).

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and Local authorities. Rinsed plastic & paper-reinforced plastic containers may also be disposed of by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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## FEATURES, CLAIMS, AND USES

### FOR HOSPITAL USE AND BROAD-SPECTRUM DISINFECTING/ANTIMICROBIAL ACTIVITY ON HARD, NONPOROUS, INANIMATE SURFACES

### A POWERFUL CLEANER AND TWO-WAY ODOR ELIMINATOR THAT ATTACKS MALODORS AT THEIR SOURCE

#### READY-TO-USE • EASY TO USE

no rub • no rinse • no mess

(Food-contact surfaces require a potable water rinse.)

#### KILLS GERMS ON ENVIRONMENTAL SURFACES

- No mixing ... comes ready-to-use ... instantly!
- Eliminates dilution errors, product contamination, and other problems common to products that require dilution and mixing.
- Triple-Action product leaves surfaces thoroughly Cleaned, Disinfected, and Deodorized.
- Destroys microorganisms that cause "biological" putrefactive odors:
- Counteracts common "chemical" malodors.
- Dissolves soap scum and cleans away dirt, grease, body oils, and grime.
- Contains no abrasives; will not scratch delicate surfaces.

**TWO-WAY SURFACE DEODORIZING ACTION:** Quickly counteracts "CHEMICAL" MALODORS such as garlic, onion, tobacco smoke, fish, gas, and urine; in Kitchens, bathrooms, basements, and many other occasionally malodorous, unpleasant areas and situations. Kills many microorganisms that generate the "BIOLOGICAL" MALODORS associated with surgical dressings, ostomy pouches, malignant diseases, excised organs and tissue, fecal matter, burns, perspiration, garbage, and other decaying, putrefying organic matter.

#### GENERAL USE GROUP SITES FOR THIS PRODUCT

**INDOOR NON-FOOD RESIDENTIAL:** Empty diaper pails; filters for air vents, air conditioners, and furnaces; premises, non-food areas, and contents of household/domestic dwellings (such as bathrooms, closets, storage areas, basements, cellars, bedrooms, attics, recreation rooms, living rooms, porches, foundations, steps, baseboards, window sills, plumbing fixtures, bookcases, playpens, and camping equipment and gear); human face gear (such as goggles and face masks), headgear (such as safety helmets and headphones), footwear, and grooming instruments (such as brushes, combs, clippers, and razors); household and coin-operated laundries; portable and chemical toilets and latrine buckets; indoor dumps, containers, disposals, trash compactors, incinerators, handling equipment, and transportation facilities for refuse, garbage, and solid waste; toilet and urinal bowls and tanks; and vehicular holding tanks.

**INDOOR NON-FOOD MEDICAL:** Barber/beauty shop equipment (such as chairs and cabinets); cuspidors and spittoons; hospital janitorial equipment and noncritical items (such as bedpans and furniture); hospital/medical institution critical premises (such as burn wards); hospital/medical institution human and veterinary premises (such as wards, emergency rooms, etc.), noncritical premises (such as labs, lounges, lobbies, and storage areas), patient areas, and laundries; ambulances; household sickroom premises, contents, and utensils; and morgue, mortuary, and funeral home premises, equipment, autopsy/embalming tables and instruments, burial vaults, and mausoleums.

**OTHER INDOOR NON-FOOD:** Agricultural farm equipment, chambers for non-food/non-feed use; commercial storage and warehouse premises; non-food/non-feed commercial transportation facilities (including trucks and trailers, containerized units, railroad cars, aircraft, ships and barges, autos and taxis, recreational vehicles, and shipping containers); commercial, institutional, and industrial premises and equipment (including janitorial equipment, locker rooms, gyms, bowling alleys, telephones and booths, shower rooms and mats, cotton mills, auditoriums and stadiums, factories, rendering plants, loading areas and ramps, schools, and offices); non-food areas of eating establishments; hatching egg plants; non-aquatic buildings and areas of fish hatcheries; fur farm equipment and premises; commercial laundry and dry cleaning facilities, equipment (such as carts, chutes, and tables), and transportation vehicles; non-food machinery; empty and full non-food/non-feed containers and storage areas; non-food/non-feed processing and handling equipment; tobacco processing plant premises and equipment; and public health use in general and wide area treatment.

**CAN ALSO BE USED** in non-food/non-feed areas and on non-food/non-feed contact surfaces of food/feed harvesting, processing, packaging, storage, serving, and transportation premises, equipment, and vehicles, including: bakeries, bottlers, breweries, canneries, creameries, dairies, feed stores, feed mills, food catering facilities, food stands and stores, markets, mills, milk processing plants, warehouses, machinery, bins, elevators, coolers, refrigerators, and vending equipment.

#### "USED ON" SURFACES & ITEMS

**SAFE TO USE ON MANY TYPES OF SURFACES, INCLUDING:** acrylic, aluminum, asphalt, brass, cast iron, sealed cement, ceramic, ceramic tile, chrome-plated, sealed concrete, copper, elastomer, enamel, glass, sealed grouting, iron, "latex" paint, sealed leather, nickel-plated, plastic, polyester, polyethylene, polypropylene, polystyrene, polyurethane, porcelain, sealed quarry tile, rubber, stainless steel, steel, tile, varnish, vinyl, sealed wood, zinc, and similar materials.

#### EXCELLENT FOR CLEANING AND DECONTAMINATING SURFACES

**ON:** Toilet Seats & Toilets • Urinals • Bathtubs • Shower Stalls • Bathroom Fixtures • Partitions • Walls, Baseboards, Floors, & Ceilings • Telephones • Bed Frames & Springs • Wash Basins & Sinks • Counter & Table Tops • Hoods, Exhaust Fans, & Air Ducts • Laminar Flow Cabinets & Hoods • Railings, Faucet Handles, Door Knobs, & other Fixtures • Halls, Hallways, Stairs, & Stairways • Elevators & Escalators • Light Switches & Fixtures • Plastic Upholstery • Seats & Benches • Lockers • Counters • Wheelchairs & Powered Carts • Laundry, Linen, Dressing, Clean-up, & Equipment Carts • Laundry Chutes & Hampers • Trash Compactors • Diaper Pails • Portable Toilets & Potties • Garbage & Refuse Containers • Pet Quarters • Furniture • Chairs & Seating • Tables, Counters, & Desks • Cabinets, Closets, & Lockers • Equipment & Machinery • Racks • Conveyors • Appliances • Medical Equipment & Furniture • many other similar public, private, and residential surfaces which could harbor and transmit dangerous viruses and other microorganisms.

#### IN DENTAL FACILITIES

This powerful hospital-type cleaner/disinfectant/deodorizer helps decontaminate germ-laden surfaces on furniture, equipment, and other surfaces in dental facilities, such as: patient's and operator's chairs, operator's light, working surfaces, bracket table, evacuator reservoir, tray racks and trays, x-ray control panel and button, viewers, waiting room furniture, bathroom fixtures, lab areas and equipment, railings and door knobs, and on other public surfaces which could harbor and transmit dangerous viruses and other microorganisms. Use this product first to clean, then to disinfect and deodorize these and many other surfaces in dental areas.

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