

VIRACOAT-3060AMD & VIRACOAT-300D

Product Effectiveness and General Suggested Uses;

VIRACOAT-3060AMD (Longer-Term Surface Protection product) and **VIRACOAT-300D** (disinfectant solution) products contain a broad spectrum disinfectant, that is Kill* effective against viruses like corona virus-human, HIV, HBV, HGV and many others (*see list at end of document).

They may be used as a hospital disinfectant, antimicrobial and broad spectrum cleaner and disinfectant, a germicidal cleaner as cleans as it disinfects, antibacterial, bactericide also kills* common household germs, and satisfies claims effectiveness against 140+ various organisms, and inhibits the growth of mold and mildew and their odors when used as directed.

These products contain no phosphorous and are phosphate and acid free, pH neutral formulations designed to provide effective cleaning, deodorizing and disinfection in areas where housekeeping is of prime importance in controlling the hazard of cross contamination on treated surfaces, while not leaving a grit or soap scum on the surface.

These products help to maximize labor results by effectively controlling odors and the colonizing of microorganisms on surfaces.

These products are effective and compliant when used on surfaces in; commercial kitchens, public and household bathrooms, and other public and household areas, hospitals, schools, institutions and industry as disinfectant cleaners that are effective against a broad spectrum of bacteria, virucidal, fungicidal and helps eliminate odor causing bacteria when used as directed.

They may also be used as a multi-surface cleaner, deodorizer and disinfectant on windows, mirrors, and other non-food contact glass surfaces.

When used as directed, these products will deodorize surfaces in restroom and toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause malodors.

Cross-contamination is always a major housekeeping concern, these products have been formulated to aid in the reduction of cross-contamination on treated surfaces in hospitals, public spaces, industry and in the home.

***EPA Reg. No. 83019-1 FIFRA Reg. no. 61178-5 *EPA Reg. No. 61178-5 (*Refer to the EPA N list)
EPA Est. No. 96272**

These Products;

- are a complete, chemically balanced disinfectant that provides clear use solutions even in the presence of hard water.
- inhibit bacterial growth on moist surfaces and deodorizes by killing* microorganisms that cause offensive odors.
- are for use as a disinfectant on hard, non-porous and porous (textile) surfaces.
- are for use in household and commercial humidifiers.
- will control unpleasant (malodors) odors on commercial humidifiers.
- are a versatile sanitizer and broad-spectrum disinfectant formulated for use in Ultrasonic Baths and cleaning equipment.

VIRACOAT-3060AMD & VIRACOAT-300D *General Information cont.*

- are a versatile cleaner, broad-spectrum disinfectant and sanitizer formulated for use on bath and therapy equipment (Whirlpools).
- will sanitize and disinfect non-porous salon/barber tools and instruments such as combs, brushes scissors, clippers, trimmers, razors, blades, tweezers and manicure instruments.
- may be applied through low-pressure sprayers, and fogging (wet misting) systems.
- neutralize musty odors and tough odors from smoke, pet accidents, and spills on contact.
- are specially formulated to effectively eliminate offensive odors caused by mold and mildew.
- reduce eliminates neutralizes destroys odors to make your home kitchen and bathroom sanitary and controlling mold and mildew around tubs, showers and on shower curtains.
- are non-scratch cleaners on showers and tubs, shower doors, curtains, fixtures and toilet bowls.
- are effective against household germs and odors in bathrooms and kitchens and tough pet odors from litter boxes and pet accidents.
- may be used on the multi-touch surfaces responsible for cross-contamination.
- may be used in work areas, tool rooms and garages for odor control and light duty cleaning.
- provide an effective cleaning strength but will not dull most floor finishes and does not require a rinse prior to recoat.
- products will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage area, and other places where bacterial growth can cause malodors.
- are effective antimicrobial cleaners designed for use by wholesale and retail florists, shippers and green houses.
- used as directed, will disinfect hard, non-porous surfaces such as flower buckets, floors and walls of coolers, design and packing benches and countertops.
- can be used for the cleaning of dirt, grime, blood, urine, fecal matter and other common soils found in animal housing facilities, livestock, swine, poultry facilities, grooming facilities, farms, kennels, pet stores, veterinary clinics, laboratories or other small animal facilities. Also eliminates odors leaving surfaces smelling clean and fresh.
- can be used to disinfect, clean and deodorize terrarium and small animal cages, hot rock, substrate and cage furniture (plastic terrarium ornaments, driftwood, heat caves and water dishes. may be relied on to deodorize coolers, buckets, garbage pails and other areas where obnoxious odors may develop.
- may be used to clean, disinfect and deodorize flower buckets, walls and floors of coolers, shippers, greenhouse packing areas, garbage pails and other areas where obnoxious odors may develop.
- may be used as a general purpose antimicrobial detergent in florist shops, wholesale florist, shippers, green house packing areas and other commercial floriculture places for efficient cleaning and antimicrobial action against certain bacteria which cause the plugging of stems with slime, which reduces uptake of water for various flowers including roses, chrysanthemums, gladioli and tulips.
- may be used to reduce the production of ethylene gas, which may injure blooms of sensitive flowers including carnations, snapdragons, orchids, baby's breath, sweet peas, freesia and alstroemeria.
- maybe used as a one-step floor cleaner as well as everyday kitchen messes, as it cleans and shines.
- are safe for most surfaces, as it cleans without bleaching, will remove stains and dirt, eliminates odors caused by bacteria and mildew and non-fresh foods and kills* odor causing bacteria.
- Kills* microorganisms and helps prevent the spread of food borne contamination on kitchen surfaces listed at the end of this document, such as Escherichia coli (E coli), Salmonella, and Staphylococcus aureus (Staph) which are common bacteria and found where food is prepared and stored.

VIRACOAT-3060AMD & VIRACOAT-300D *General Information cont.*

To be used in hospitals in the following areas as a disinfectant: operating rooms, patient care rooms and facilities, recovery, anesthesia, ER, radiology, X-ray cat labs, newborn nurseries, orthopedics, respiratory therapy, surgery-centers, labs, blood collection rooms, central supply, housekeeping and janitorial rooms, nursing homes, doctor's offices and labs, dentists offices and labs (dental operatories).

These products are 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 the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body.

These products may be used to preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection.

Fogging is to be used as an adjunct to acceptable manual protocol cleaning and disinfecting of room and machine surfaces.

For Use In (General List):

- Hospitals, nursing homes, medical and dental offices and clinics, physician offices, operating rooms, isolation wards, and medical research facilities.
- Patient care rooms and facilities, recovery (rooms), anesthesia, Emergency Rooms, X-ray cat labs, newborn nurseries, orthopedics, whirlpool surfaces, footbath surfaces, respiratory therapy, surgery-centers, labs, blood collection rooms, central supply, housekeeping and janitorial rooms.
- EMS & fire facilities, emergency vehicles, ambulance(s), ambulance equipment/surfaces, police cars.
- These products clean and deodorize the carpet (by controlling/reducing the growth of odor causing bacteria). It can be used in industrial, institutional, commercial and residential areas such as homes, motels, hotels chains, nursing homes and hospitals
- Day care centers and nurseries, sick rooms.
- Acute care institutions, alternate care institutions, home healthcare institutions.
- Life care retirement communities.
- Restaurants, restaurants and bars, bars, cafeterias, institutional kitchens, fast food operations and food storage areas.
- Supermarkets, convenience stores, retail and wholesale establishments, department stores, shopping malls, gift shops, video stores, bookstores, dressing rooms and laundries, photocopy centers, bicycle shops, auto repair centers.
- Computer manufacturing sites, Computer terminal, keyboards, telephones, etc.
- Food establishments, coffee shops, donut shops, bagel stores, pizza parlors, liquor stores.
- Crime scenes and funeral homes, mortuaries, burial vaults, mausoleums, autopsy rooms.
- Police stations, courthouses, correctional facilities, jails, prisons, municipal government buildings, penitentiaries, correctional institutions, bus stations, train stations.
- Institutional facilities, laboratories, factories, business and office buildings, restrooms, hotels and motels, and transportation terminals.
- Institutions, schools and colleges, churches, classrooms, community colleges, universities, athletic facilities and locker rooms, exercise rooms, exercise facilities, gyms, gymnasiums, shower rooms, shower stalls, public restrooms, all public facilities, waysides, travel rest areas, as these products can Kill* and keep killing* 24/7 athlete's foot fungus on the floors and surfaces where products are used as a disinfectant and longer term protection.

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- Hotel, motels, dormitories, kitchens, bathrooms and other household areas.
- Homes, carpet, hard surface flooring, bedding, cabinetry, bathrooms, kitchens, basements, cellars, bedrooms, attics, living rooms and porches, etc.
- Cosmetic manufacturing facilities, medical device manufacturing facilities, biotechnology firms, pharmaceutical manufacturing facilities.
- Heath clubs, spas, tanning spas, tanning beds, footbath surfaces, massage/facial salons, hair/nail/pedicure salons, barber/beauty shops, salons.
- Museums, art galleries, post offices, performance/theater centers, banks, libraries, movie houses, bowling alleys, even recycling centers.
- Humidifier water tanks and dehumidifier equipment.
- Food processing plants, USDA inspected food-processing facilities, dairy farms, hog farms, equine farms, poultry and turkey farms and egg processing plants, meat and poultry processing plants, meat/poultry producing establishments, mushroom farms, rendering plants.
- Processing facilities for fish, wine, milk, citrus, fruits, vegetable, ice cream, and potatoes, and beverage plants.
- Veterinary clinics, animal life science laboratories, kennels, dog/cat animal kennels, breeding and grooming establishments, pet animal quarters, zoos, pet shops, tack shops and other animal care facilities, kennels, kennel runs, cages, kennel/cage floors, conductive flooring.
- On boats, ships, barges, campers, trailers, mobile homes, cars, trucks, buses, trains, taxis and airplanes, cruise lines, airline terminals, airports, shipping terminals, public transportation and automotive detailing and mechanic garages.

These products may be used on surfaces such as:

- Countertops, non-food contact surfaces of stovetops, sinks (bathroom, kitchen), tub surfaces, and exterior surfaces of appliances, refrigerators and ice machines.
- Glass, metal, stainless steel, glazed porcelain, glazed ceramic, granite, marble, plastic (such as polystyrene or polypropylene), sealed limestone, sealed slate, sealed stone, sealed terracotta, sealed terrazzo, chrome and vinyl.
- Enameled surfaces, painted (finished) woodwork, Formica®, vinyl and plastic upholstery.
- Veterinarian examination tables, X-ray tables, washing areas, animal grooming areas.
- Tables, chairs, desks, bed frames, lifts, washable walls, cabinets, doorknobs and garbage cans.
- Exhaust fans, refrigerated storage and display equipment, coils and drain pans of air conditioning and refrigeration equipment and heat pumps and air filtration panels.
- Large inflatable, non-porous, plastic and rubber structures such as animals, promotional items, moonwalks, slides, obstacle course play and exercise equipment, picnic tables and outdoor furniture, even the cushions.
- Highchairs, diaper changing stations, incubator care equipment, folding tables.
- Bed railings, bedpans, cervical collars, CPR training mannequins, curing lights, neck braces, oxygen hoods, slit lamps, spine backboards, stretchers and unit stools.
- External lenses vision correction (not for use on contact lenses), light lens covers, optical instruments/implements, face shields, eye protective eye-wear, goggles, etc.
- Drinking fountains.

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- Foundations, steps, plumbing fixtures, finished baseboards and windowsills.
- Shower stalls, shower doors and curtains, bathtubs and glazed tiles, chrome plated intakes, toilets, toilet bowls, toilet bowl surfaces, urinals, empty diaper pails, portable and chemical toilets and latrine buckets, porcelain tile and restroom fixtures.
- Ultrasonic baths, whirlpools, whirlpool bathtubs.
- Wrestling and gymnastic mats, athletic training tables, physical therapy tables.
- Use these products to clean non-porous personal protective safety equipment, protective headgear, athletic helmets, wrestling/boxing headgear, athletic shoe soles, hard hats, half mask respirators, full face breathing apparatus, gas masks, goggles, spectacles, face shields, hearing protectors and earmuffs. Rinse all equipment that comes in prolonged contact with skin before reuse with clean warm water (about 120°F) and allow to air dry.
- Use these products to clean, sanitize and disinfectant non-porous ambulance equipment and surfaces by rinsing all equipment that comes in prolonged contact with skin before reuse with clean warm water (about 120°F), and allow to air dry.

For Agricultural Use:

- These products are a versatile Disinfectant for Veterinarian, Veterinary Practice, Animal Care, Animal Laboratory, and Agricultural and Farm Premise applications
- Food processing plants, USDA inspected food-processing facilities, dairy farms, hog farms, equine farms, poultry and turkey farms and egg processing plants, meat & poultry processing plants, meat/poultry producing establishments, mushroom farms, rendering plants.
- Processing facilities for fish, wine, milk, citrus, fruits, vegetable, ice cream, and potatoes, and beverage plants. Veterinary clinics, animal life science laboratories, kennels, dog/cat animal kennels, breeding and grooming establishments, pet animal quarters, zoos, pet shops, tack shops and other animal care facilities, kennels, kennel runs, cages, kennel/cage floors, conductive flooring.
- Veterinarian examination tables, X ray tables, washing areas, animal grooming areas
- Poultry Premise Sanitation (Hatcheries)
 - egg receiving area tray dumping area chick processing area
 - egg holding area
 - chick holding area chick loading area setter room
 - hatchery room
 - poultry buildings
- Swine Premise Sanitation:
 - farrowing barns and areas
 - dressing plants blocks
 - Waterers and Feeders
 - Loading Equipment
 - Creep Area
 - Hauling Equipment
 - Nursery
 - Chutes

VIRACOAT-3060AMD & VIRACOAT-300D *General Information cont.*

Efficacy information:

- These products has passed the Virucidal* Efficacy of a Disinfectant for Use on Inanimate Environmental Surfaces Utilizing Hepatitis B Virus.
- These products has passed the Virucidal* Efficacy of a Disinfectant for Use on Inanimate Environmental Surfaces Utilizing Bovine Viral Diarrhea Virus BVDV (surrogate for human Hepatitis C virus).
- These products has passed the Virucidal* Efficacy of a Disinfectant for Use on Inanimate Environmental Surfaces Utilizing Hepatitis C Virus (HCV).
- These products was proven to be effective against (Duck) Hepatitis B Virus (HBV) and Bovine Viral Diarrhea Virus BVDV (surrogate for human Hepatitis C virus) with a contact time of 10 minutes.
- These products has passed the Virucidal* Efficacy of a Disinfectant for Use on Inanimate Environmental Surfaces Utilizing Human and Canine Coronavirus.
- These products is effective against the control of small flies on floors, walls, drains, countertops, metal surfaces, painted surfaces, glazed porcelain, glazed tile, glass, chrome, rubber, and plastic in restaurants, kitchens, dishwashing areas, and bar and wait station areas.
- Efficacy tests have demonstrated that these products is an effective bactericide, virucide* and fungicide in the presence of organic soil (5% blood serum).
- For larger areas such as operating rooms and patient care facilities, these products is designed to provide both general cleaning and disinfection.

KILLS HIV, HCV & HBV ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care setting or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with 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), Hepatitis C Virus (HCV) and Hepatitis B Virus. Cleansing of Body Surfaces and Body Orifices of Human Remains:

MICROORGANISM LIST

Human Viruses

Adenovirus type 2	Influenza A2-Asian Virus
Cytomegalovirus	Influenza B Virus (Allen strain)
HBV (Hepatitis B Virus)	Influenza C Virus (Taylor strain)
HCV (Hepatitis C Virus)	Measles Virus
Herpes Simplex type 1 Virus	Parainfluenza type 1
Herpes Simplex type 2 Virus	Poliovirus type 1 (Chat strain)
HIV-1 (AIDS Virus)	Respiratory Syncytial Virus
Human Coronavirus	Rotavirus
Influenza A/Brazil Virus	Vaccinia Virus
Influenza A/Victoria (H3N2) Virus	

Non-Human Viruses

Avian Influenza/Turkey/Wisconsin Virus	Equine Herpesvirus
Canine Coronavirus	Equine Influenza
Canine Distemper Virus	Feline Calicivirus
Canine Herpesvirus	Norovirus

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Non-Human Viruses continued

Feline Infectious Peritonitis
Infectious Bovine Rhinotracheitis (IBR)
Newcastle Disease Virus
Porcine Parvovirus
Porcine Respiratory &
Reproductive Syndrome Virus (PRRSV)
Porcine Rotavirus

Pseudorabies Virus
Transmissible Gastroenteritis (TGE)
T1 bacteriophage
T4 bacteriophage
Vesicular Stomatitis Virus (VSV)
Bovine. Viral Diarrhea Virus (BYDV)
Avian Influenza Virus (H5N1)

Isolates From AIDS Patients

Aspergillus niger
Candida albicans
Cryptococcus neoformans

Pseudomonas aeruginosa
Staphylococcus aureus
Streptococcus pneumoniae

Gram Positive Clinical Isolates

Enterococcus faecalis
Micrococcus luteus
Staphylococcus aureus
Staphylococcus aureus (Toxic shock)

Staphylococcus epidermidis
Staphylococcus saprophyticus
Streptococcus haemolyticus
Streptococcus pyogenes

Gram Negative Clinical Isolates

Acinetobacter calcoaceticus var. anitratus
Acinetobacter calcoaceticus var. Iwoffii
Bordetella bronchiseptica
Brevundimonas diminuta
Burkholderia cepacia
Enterobacter agglomerans
Enterobacter cloacae
Enterobacter gergoviae
Enterobacter liquefaciens
Escherichia coli (Urinary)
Escherichia coli (Wound)
Flavobacterium meningosepticum
Hafnia alvei

Klebsiella oxytoca
Klebsiella pneumoniae
Morganella morganii
Proteus mirabilis
Proteus vulgaris
Pseudomonas aeruginosa
Pseudomonas fluorescens
Pseudomonas pseudomallei
Pseudomonas putida
Pseudomonas stutzeri
Serratia marcescens
Sphingomonas paucimobilis

Other Bacteria

Actinobacillus pleuropneumoniae
Actinomyces pyogenes
Bacillus cereus
Bacteroides fragilis
Corynebacterium ammoniagenes
(Brevibacterium ammoniagenes)
Bordetella bronchiseptica
Burkholderia pickettii
Campylobacter jejuni
Chryseomonas luteola
Corynebacterium pseudotuberculosis
Enterobacter aerogenes

Enterococcus faecalis
Enterococcus faecium
Enterococcus hirae
Escherichia coli
Escherichia coli strain 0157:H7
Escherichia vulneris
Haemophilus influenzae
Klebsiella pneumoniae
Listeria monocytogenes
Pasteure haemolyticus
Pseudomonas aeruginosa
Rhodococcus equi

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Other Bacteria continued

Salmonella enterica	Staphylococcus simulans
Salmonella schottmuelleri	Stenotrophomonas maltophilia
Salmonella typhi	Streptococcus equi var. equi
Shigella dysenteriae	Streptococcus equi var. zooepidermicus
Staphylococcus aureus	Streptococcus pneumoniae (PRSP)
Staphylococcus auricularis	Streptococcus pyogenes
Staphylococcus capitis	Streptococcus salivarius
Staphylococcus hominis	Yersinia enterocolitica

Pathogenic Fungi

Trichophyton mentagrophytes

Environmental Fungi

Aspergillus candidus	Penicillium oxalicum
Aspergillus niger	Penicillium spinulosum
Penicillium chermesinum	Ulocladium sp.

Antibiotic Resistant Gram Negative Bacteria

Pseudomonas aeruginosa (Sulfa, Cefatoxime, Nitrofurantoin, Tetracycline, Amikacin, Ampicillin, Cephalothin and Bactine Resistant)

Escherichia coli (Ampicillin, Tetracycline, Penicillin and Sulfa Resistant)

Klebsiella oxytoca (Ampicillin, Sulfanilimide and Tetracycline Resistant)

Klebsiella pneumoniae type 1 (Ampicillin, Tetracycline, Cephalothin and Sulfa Resistant)

Morganella morganii (Penicillin and Tetracycline Resistant)

Enterobacter agglomerans (Ampicillin and Sulfanylimide Resistant)

Salmonella (Antibiotic Resistant)

Enterobacteriacia with extended beta-lactamase resistance (Ampicillin and Piperacillin Resistant)

Antibiotic Resistant Gram Positive Bacteria

Enterococcus faecalis (Vancomycin Resistant-VRE)

Enterococcus faecium (Vancomycin Resistant-VRE)

Staphylococcus aureus (Methicillin-MRSA, Community Associated Methicillin Resistant CA-MRSA PVL Positive)

Staphylococcus aureus (CA-MRSA Genotype USA 400)

Staphylococcus aureus (Penicillin G, Penicillin, Ampicillin, Cefazolin, Cefatoxime, Chloramphenicol, Ciprofloxacin, Clindimycin, Erythromycin, Oxacillin, Rifampin, Tetracycline Resistant)

Staphylococcus aureus (Vancomycin Resistant - VRSA)

Staphylococcus aureus (Vancomycin Resistant Intermediate-VISA)

Staphylococcus epidermidis (Ampicillin and Drug Resistant)