Overview

What is a disinfectant?
One of three groups of antimicrobials registered by the Environmental Protection Agency (EPA) for public health uses. EPA considers an antimicrobial to be a disinfectant when it destroys or irreversibly inactivates infectious or other undesirable organisms, but not necessarily their spores, whether bacteria, viruses, or fungi on inanimate objects and surfaces.

What are antimicrobial pesticides?
Antimicrobial products contain about 275 different active ingredients and are marketed in several formulations: sprays, liquids, concentrated powders and gases. Today, approximately one billion dollars are spent each year on a variety of different types of antimicrobial products.

Applications

Antimicrobial pesticides have two major uses:
- Disinfect, sanitize, reduce or mitigate growth or development of microbiological organisms
- Protect inanimate objects such as floors and walls, industrial processes or systems, surfaces, water, or other chemical substances from contamination, fouling or deterioration caused by bacteria, viruses, fungi, protozoa, algae or slime

Types of Antimicrobials

- **Sterilizers (Sporicides):** Used to destroy or eliminate all forms of microbial life including fungi, viruses, all forms of bacteria and their spores. Spores are considered to be the most difficult form of microorganism to destroy. Therefore, EPA considers the term sporicide to be synonymous with “sterilizer.” Sterilization is critical to infection control and is widely used in hospitals on medical and surgical instruments and equipment.
- **Disinfectants:** Used on hard, inanimate surfaces and objects to destroy or irreversibly inactivate infectious fungi and bacteria, but not necessarily their spores.
- **Sanitizers:** Used to reduce, but not necessarily eliminate, microorganisms from the inanimate environment to levels considered safe as determined by public health codes or regulations.
- **Antiseptics and Germicides:** Used to prevent infection and decay by inhibiting the growth of microorganisms. Because these products are used in or on living humans or animals, they are considered drugs and are approved and regulated by the Food and Drug Administration (FDA).
Lawson Products has a complete offering of disinfectants and antimicrobials for industrial and institutional use. Complying with all EPA standards and approvals, Lawson is at the forefront of disinfecting and cleanliness. A complete list of products follows.

**Scrub's® Medaphene® Wipes Disinfectant and Deodorant Swipes**

An effective germ-killing disinfectant combined with a tough, abrasive wipe. These wipes utilize a water based formula which insures surfaces remain wet longer to optimize disinfecting time. The textured wipe works quickly not only to loosen, but also absorb contaminants to ensure a clean and disinfected surface. One-step disinfecting deodorizing solution Portable, safe and easy to use. No spraying or run-off.

**Effective against (contact times may differ):**

- Kills Pandemic 2009 H1N1 influenza A virus (formerly called swine flu)
- Salmonella choleraesuis
- Staphylococcus aureus
- Methicillin-Resistant Staphylococcus aureus (MRSA)
- Pseudomonas aeruginosa
- Trichophyton mentagrophytes
- Herpes simplex virus 1 and 2
- Influenza A2HK
- Coxsackie virus B5a
- Adenovirus-2
- Poliovirus 1 and 2
- Rotavirus SA-11
- Rhinovirus
- Vaccinia virus
- Cytomegalovirus
- Respiratory Syncytial Virus
- HIV-1 (AIDS virus)
- Human Coronavirus (HCoV)

**Bristol Country Fresh Disinfectant**

Prevents the spread of germs and bacteria on hard surfaces. Controls mold and mildew in damp environments. Formulated specifically for hospitals, nursing homes, schools, offices and many other institutions.

- Bactericidal, Staphylocidal, Tuberculocidal, Fungicidal, Pseudomonidal and Virucidal
- Kills Most Germs
- Controls Mold and Mildew
- Eliminates Odors
- EPA-registered

**Kills:**

- Aspergillus niger (ATCC 16404)
- Human Herpes Simplex Virus Type 1 (ATCC VR-733) and Type 2 (ATCCVR-540)
- Human Immunodeficiency Virus Type 1 [HIV-1 (AIDS virus)]
- Influenza A2/Hong Kong Virus
- Methicillin Resistant Staphylococcus aureus (MRSA) (ATCC 33591)
- Mycobacterium tuberculosis var bovis (BCG)
- Polio Virus Types 1 and 2
- Pseudomonas aeruginosa (ATCC 15442)
- Salmonella choleraesuis (ATCC 10708)
- Staphylococcus aureus (ATCC 6538)
- Trichophyton mentagrophytes (ATCC 9972)
- Vancomycin Resistant Enterococcus faecalis (VRE) (ATCC 51299)
Lifeguard Germicidal Detergent and Deodorant

Control the spread of harmful germs and bacteria while you clean, disinfect and deodorize.

- Removes dirt and soil from most washable hard surfaces, including floors, walls, countertops, porcelain and hard plastics
- Effective in soft, hard, cold or hot water and leaves a fresh, clean fragrance
- Dilution rate of 2 oz. per gal. (1:64)

Effective against the following pathogens:


**Viruses:** Adenovirus Type 4, Adenovirus Type 7 – at 8 oz. per gallon, Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), Herpes Simplex Type 1, Herpes Simplex Type 2, Human coronavirus, HIV-1 (AIDS virus), Influenza A / Hong Kong, Rotavirus (WA), Respiratory Syncytial Virus (RSV), Rubella (German Measles), SARS Associated Coronavirus, Vaccinia.

**Animal Viruses:** Avian Influenza (H5N1), Avian polyomavirus, Canine distemper, Feline leukemia, Feline picornavirus, Infectious bovine rhinotracheitis, Infectious bronchitis (Avian IBV), Newcastle Disease, Pseudorabies (PRV), Rabies, Transmissible Gastroenteritis virus (TGE).

**Fungi:** Aspergillus niger, Candida albicans, Trichophyton mentagrophytes (Athletes foot fungus, a cause of Ringworm).

Husky® 302 Thickened Disinfecting Bowl Cleaner

Application: Toilet bowls

Husky® 302 is specially formulated with ultra-thick detergents and a buffered low acid to quickly penetrate soils and remove mineral deposits. This sophisticated product features a color indicator and has been EPA registered as a one-step cleaner, disinfectant and deodorizer.

- Kills VRE, MRSA and HIV-1
- EPA Registered (AIDS effective)
- Detergent thickened and clinging
- Color indicated
- May be used daily
- 9.5% HCl acid base
Husky® 303 Super Bowl Cleaner Disinfectant
Application: Toilet bowls
An effective, high-acid bowl cleaner designed with inhibitors to instantly remove mineral deposits and heavy soil encrustations without scrubbing. This special formulation is EPA registered to kill harmful bacteria and virus and includes corrosion inhibitors to protect plumbing.
- EPA registered
- USDA equivalent C2 rating
- Kills Pseudomonas, Staphlococcus, Salmonella
- Fast acting
- Virucidal against HIV-1 (on pre-cleaned environmental surfaces)
- Corrosion inhibitors

Husky® 803 Disinfectant/Sanitizer/Fungicide
Application: Food-contact surfaces
A disinfectant/sanitizer for food-contact surfaces and food-processing equipment. Based on a twin-chain quaternary compound to provide maximum efficiency. Proven as an effective virucide, fungicide and hard surface disinfectant at various dilution ratios. Formulated without color or fragrance. Acceptable for use in meat and poultry plants.
- Approved for meat and poultry processing
- USDA authorized D/2
- Approved for food-contact surfaces
- Effective disinfectant, fungicide and virucide
- No potable water rinse required
- Effectively kills Pseudomonas, Staphylococcus, Salmonella, Influenza A-Hong Kong, Herpes Simplex Types 1 and 2, fungicidal activity, Trichophyton Mentagrophytes

Husky® 804 General-Purpose, Non-Acid Disinfectant Cleaner
Application: Surface disinfection
A high-foaming, one-step disinfectant cleaner designed to break down tough soils and buildup from multiple surfaces. This dual-quaternary formula is a broad-spectrum disinfectant and features fungicidal and mildew-stat properties to prevent undesirable growth and odor. Leaves the area fresh when used according to label directions.
- Kills VRE, MRSA and HIV-1
- High foaming
- Ready-to-use, one-step cleaner disinfectant
- Cleans tough soils
- Broad spectrum
- Pleasant fresh fragrance
Product Information Report
Disinfectants

Husky® 814 Tuberculocidal Spray Disinfectant
Application: General surface disinfection with TB kill claim
Fast acting, highly-effective broad-spectrum disinfectant that kills HCV*, HBV* and HAV* and is EPA registered as a Tuberculocidal cleaner. This ready-to-use formula provides superior cleaning with virucidal*, fungicidal and mildewstat properties. Our detergent-based cleaner contains chelating agents to break down iron, lime and calcium deposits. It is also effective against VISA, VRE, HIV*, Canine Parvovirus* and E. coli 0157:H7 in the presence of 5% serum on inanimate surfaces. A state-of-the-art product that assists in maintaining OSHA Bloodborne Pathogen Compliance. Its reduced contact time provides a faster, more efficient process.

- Tuberculocidal* (5 min.)
- Kills Canine Parvovirus* (10 min.)
- Kills E. Coli 0157:H7* (3 min.)
- Kills HIV-1* (1 min.)
- Kills VISA and VRE (3 min.)
- Kills Human Coronavirus (2 min.)
- Kills Feline Calicivirus (30 sec.)
- Kills Norwalk Virus (30 sec.)

*on hard nonporous inanimate surfaces.

Husky® 820 Hospital-Grade Disinfectant Cleaner
Application: Hospitals, schools, clinics
A broad-spectrum quaternary-based germicidal cleaner with Norovirus, HCV, HBV and HIV-1 efficiency. This 2 oz. per gal. bloodborne pathogen-compliant formula can be used on a wide variety of hard surfaces. Proven to be an effective bactericide, fungicide, mildewstat, virucide, it has been tested in accordance with AOAC Protocol. Formula is effective in the presence of 5% serum contamination.

- Effective against Norovirus, HCV, HBV and HIV-1
- One-step cleaner and disinfectant
- Kills VISA and MRSA
- Bloodborne pathogen compliant
- Excellent alternative to phenols