First Things First!

- Policies and Procedures
- Choice of Cleaning and Disinfectant Products
  - EPA-Registered Disinfectants
- Employee Education Examples
  - Return Demonstration
  - PPE
  - Product Choice and Preparation
  - Cleaning Supplies and Equipment
  - Cleaning and Disinfecting
Selected EPA-Registered Disinfectants

This page contains information on certain EPA-registered disinfectants including links to lists of products registered against common pathogens like hepatitis or norovirus and a list of products registered against Candida auris.

On this page:
- Antimicrobial products registered with EPA for claims against common pathogens
- Antimicrobial products registered with EPA for claims against Candida auris
- Information on registration numbers
- Additional information

Antimicrobial Products Registered with EPA for Claims Against Common Pathogens

The following lists of antimicrobial products registered by EPA are effective against common pathogens, as indicated in the list titles. EPA registered antimicrobial products may not make efficacy claims against these pathogens unless the Agency has reviewed data to support the claim and approved the claim on the label.

Use of the listed EPA-registered products consistent with the product labeling complies with the Occupational Safety and Health Administration's standard for Occupational Exposure to Bloodborne Pathogens (29 CFR § 1910.133) as well as proper management of any waste when disposed, which is regulated under the Resource Conservation and Recovery Act (RCRA).

If you would like to review the product label information for any of these products, please visit our product label system. Inclusion on these lists does not constitute an endorsement by EPA.

EPA updates these registered disinfectant lists periodically to reflect label changes, cancellations, and transfers of product registrations. Information in the lists does not constitute a label replacement. Inclusion of products in these lists does not constitute an endorsement of any product over another. Before applying any EPA-registered disinfectant product, users must read the label to determine if the product is approved for the intended use site or path.

Information about listed products is current as indicated by the dates on the lists.

- **List A**: EPA’s Registered Antimicrobial Products as Sterilizers
- **List B**: EPA Registered Tuberculocidine Products Effective Against Mycobacterium tuberculosis
- **NEW** **List C**: EPA’s Registered Antimicrobial Products Effective Against Human HIV-1 Virus
- **List D**: EPA’s Registered Antimicrobial Products Effective Against Human HIV-1 and Hepatitis B Virus
- **NEW** **List E**: EPA’s Registered Antimicrobial Products Effective Against Mycobacterium tuberculosis Human HIV-1 and Hepatitis B Virus
- **NEW** **List F**: EPA’s Registered Antimicrobial Products Effective Against Hepatitis C Virus
- **NEW** **List G**: EPA’s Registered Antimicrobial Products Effective Against Norovirus
- **NEW** **List H**: EPA’s Registered Antimicrobial Products Effective Against Methicillin Resistant Staphylococcus aureus (MRSA) and Vancomycin Resistant Enterococcus faecalis or faecium (VRE)
- **List I**: EPA’s Registered Antimicrobial Products for Medical Waste Treatment
- **List J**: EPA’s Registered Antimicrobial Products Effective Against Clostridium Difficile Spores
- **List K**: EPA’s Registered Antimicrobial Products That Meet the CDC Criteria for Use Against the Ebola Virus
- **List L**: Registered Antimicrobial Products with Label Claims for Avian (Bird) Flu Disinfectants
- **List M**: Disinfectants for Use Against SARS-CoV-2
- **List Q**: Disinfectants for Use Against Rabbit Hemorrhagic Disease Virus (RHDV2)
Identify and Gather the PPE that you need

- Look at the sign
- Ask the nurse if you have any questions
Perform Hand Hygiene
Cleaning and Disinfection
Practical Application and Strategies
Policies and Procedures

- Horizontal Surfaces
- Carpeted Surfaces
- Other Surfaces (i.e. doorknobs, handrails, etc.)
- Terminal Cleaning
- Schedules
- Cleaning Tools
- Trash removal
- Handwashing facilities
- Isolation Rooms
- Chemical handling
- Safety
- Medical Equipment Cleaning
COVID-19 and the Environment
Cleaning Versus Disinfecting
Use of Chemicals

- EPA List N against COVID-19
- Do you know how to use?
- Do you know how to dilute?
- Are you labeling correctly?
- Can the disinfectant be used on ALL surfaces/items?
- Are you aware of safety with disinfectant use?
- Cleaning and disinfecting solutions should not be mixed
- Must follow manufacturer’s recommendations for equipment
Management of Environment

• Increase the frequency of routine environmental cleaning including bathrooms and around the resident’s living space
• Particular attention should be given to cleaning objects that are frequently touched such as:
  - Faucets,
  - Door handles,
  - Light switches and
  - Bed side tables
  - Toilets
  - Sink areas
Assignments

- Dedicated staff
- Housekeeping vs. Nursing
- Assignment List
  - Equipment
  - Resident Rooms
  - High touch areas
  - Common Use Areas
  - Break Rooms
6 Steps for Safe & Effective Disinfectant Use

Step 1: Check that your product is EPA-approved
Find the EPA registration number on the product. Then check to see if it is on EPA’s list of approved disinfectants at: https://epa.gov/.

Step 2: Read the directions
Follow the product’s directions. Check “use sites” and “surface types” to see where you can use the product. Read the “precautionary statements.”

Step 3: Pre-clean the surface
Make sure to wash the surface with soap and water if the directions mention pre-cleaning or if the surface is visibly dirty.

Step 4: Follow the contact time
You can find the contact time in the directions. The surface should remain wet the whole time to ensure the product is effective.

Step 5: Wear gloves and wash your hands
For disposable gloves, discard them after each cleaning. For reusable gloves, dedicate a pair to disinfecting COVID-19. Wash your hands after removing the gloves.

Step 6: Lock it up
Keep kids tightly closed and store out of reach of children.

Resident Room Surfaces

Strategies for Cleaning AND Disinfection:

- Start with the surfaces that are the cleanest
- Top to bottom approach
- Cleaning cloths should only be used in one room
- Never put soiled cleaning cloth back into a cleaning bucket
- Mop heads should be changed after each room
- Use caution to prevent gown from touching resident care items
CDC Recommendations

• Use dedicated medical equipment whenever possible
  ○ If not possible, clean AND disinfect prior to use with another resident
• Always follow facility policies and procedures for cleaning and disinfection
• Remember to first clean and then disinfect with EPA List N disinfectant
• Laundry, Food Service Utensils and Medical Waste can all be managed using routine procedures

Other Cleaning and Disinfection

- **Dining/Common areas**
  - Don’t Forget…
    - Under table
    - Chairs
- **Activity Equipment and Supplies**
- **Nursing Stations and Office**
  - Keyboards
  - Pens, common items
Audit Tool

Infection Prevention and Control Manual
Interim Cleaning and Disinfection Audit
COVID-19 Pandemic

Cleaning and Disinfection Audit - COVID-19 Audit

**PROCEDURE**

**YES** | **NO** | **COMMENTS**
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Audit found: Confirmed COVID-19

**Proposition**

1. Ensure disinfectant is used in cleaning and disinfecting resident rooms following product label:
   - **EPA List N**
2. Perform hand hygiene

**Minimal Personal Protective Equipment**

- N95 respirator
- Goggles or face shield
- Gloves

**Personal Protective Equipment**

- Gowns
- Gloves
- Goggles

**Infection Prevention and Control Manual**
Interim Cleaning and Disinfection Audit
COVID-19 Pandemic

5. Face masks are removed and disposed of properly
6. PPE are stored at designated storage areas
7. Equipment is cleaned and disinfected as needed following manufacturer’s instructions and use of EPA’s List N

**Comments**

Employee __________________________ Date __________________________

Evaluator __________________________ Date __________________________

**References and Resources:**

- United States Environmental Protection Agency (EPA). Pesticide Registration List N. [https://www.epa.gov/pesticide-registration/list-n-pesticides-used-home](https://www.epa.gov/pesticide-registration/list-n-pesticides-used-home)

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References and Resources


• Centers for Disease Control and Prevention: Cleaning: https://www.cdc.gov/infectioncontrol/guidelines/disinfection/cleaning.html

• Centers for Disease Control and Prevention: Guideline for Disinfection and Sterilization in Healthcare Facilities: https://www.cdc.gov/infectioncontrol/guidelines/disinfection/introduction.html

References and Resources


• United States Environmental Protection Agency. Selected EPA-Registered Disinfectants: https://www.epa.gov/pesticide-registration/selected-epa-registered-disinfectants
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