

Infection Prevention Office Hours

3/31/2023



LONG TERM
CARE RESOURCE
COLLABORATIVE

SOUTH CENTRAL
LTC RISE

Agenda

- **Overview of Cleaning and Disinfection**
- **Recommendations**
- **Cleaning/Disinfection Products**
- **Staff Training**
- **Auditing/ Compliance**

Overview

- **What is what?**
 - **Cleaning:** Physically removes visible dirt/debris
 - **Disinfection:** Use of chemicals to kill germs **after** cleaning (some products do both)
- **Why is it important?**
 - Germs can live for a long time in the environment and can be transmitted to susceptible residents or staff
- **What are the high risk areas in your facility?**
 - May include high touch surfaces, shared resident equipment (includes medical devices, activity items, communal spaces, bathrooms, etc.)



Recommendations

• Environmental Cleaning/Disinfection

- Daily for high touch areas
- Cleaning from high to low (floors last)
- Terminal cleaning upon discharge or when Transmission Based Precautions (TBP) are stopped
- Consider cleaning TBP rooms last on a unit

• Equipment Cleaning/Disinfection

- Define how things are cleaned and by whom
- Assure reusable equipment is cleaned/disinfected in between residents
- Assure staff are following instructions for use and contact times for products
- Consider a cleaning grid to outline responsibilities

Item	Responsible for Cleaning	Product	Wet Time	Daily	Discharge	PRN
	EVS	Oxycide	5 min	Y	Y	N
Bed Side Table	EVS	Oxycide	5 min	y	y	N
Bed End Table	EVS	Oxycide	5 min	Y	Y	N
Bed Handles (2 handles)	EVS	Oxycide	5 min	N	Y	Y
Bed pan holder in bathroom	EVS	Oxycide	5 min	Y	Y	Y
Bed plate	EVS	Oxycide	5 min	N	Y	Y
Bed wedges	EVS	Oxycide	5 min	N	Y	Y
Bedside table drawer inside	EVS	Oxycide	5 min	N	Y	N
Bladder Scanner	Nursing	Sani Cloth	2 min	N/A	N/A	N/A
Blue Suction Canister Top (red hose)	EVS	Oxycide	5 min	Y	Y	N
Board behind bed	EVS	Oxycide	5 min	N	Y	N
Bathroom Call Bell Light & Wire	EVS	Oxycide	5 min	Y	Y	N
BP Cuff (Manual) Wire	EVS	Oxycide	5 min	N	Y	Y
BP Cuffs (Manual)	EVS	Oxycide	5 min	N	Y	N
BP Monitor (Manual)	EVS	Oxycide	5 min	Y	Y	N
Cabinet Bins (over sink)	EVS	Oxycide	5 min	N	Y	Y
Cabinet (in head board)	EVS	Oxycide	5 min	N	Y	Y
Cabinet (pt belongings)	EVS	Oxycide	5 min	N	Y	Y
Ceiling/Light	EVS	High Dusted	N/A	N	Y	N
Chairs (patient & visitor, incl folding chairs)	EVS	Oxycide	5 min	Y	Y	Y
Chlorohexidine - Dispenser	EVS	Oxycide	5 min	Y	Y	N
Column holding monitoring equipment	EVS	Oxycide	5 min	Y	Y	Y

Cleaning/Disinfection Products

- Are the products EPA approved?
- Can staff find/read disinfectant labels?
- What and where is the contact time?
- What PPE is needed for safe mixing/use?
- How are they prepared and stored?
 - Pre-mixed or mixed in house?
 - Dated appropriately?
 - If your agents are mixed in the facility (dispenser), they should be checked regularly for accuracy and quality control must be done
 - Bleach solutions should be made fresh daily
 - Cleaning products should not be “topped off”

How to Read a Disinfectant Label

Read the entire label.
The label is the law!

Note: Below is an **example** of information that can be found on a disinfectant label

Active Ingredients: What are the main disinfecting chemicals?

EPA Registration Number: U.S. laws require that all disinfectants be registered with EPA.

Directions for Use (Instructions for Use): Where should the disinfectant be used? What germs does the disinfectant kill? What types of surfaces can the disinfectant be used on? How do I properly use the disinfectant?

Contact Time: How long does the surface have to stay wet with the disinfectant to kill germs?

Signal Words (Caution, Warning, Danger): How risky is this disinfectant if it is swallowed, inhaled, or absorbed through the skin?

Precautionary Statements: How do I use this disinfectant safely? Do I need PPE?

First Aid: What should I do if I get the disinfectant in my eyes or mouth, on my skin, or if I breathe it in?

Storage & Disposal: How should the disinfectant be stored? How should I dispose of expired disinfectant? What should I do with the container?

Label Content:

ACTIVE INGREDIENTS:
Alkyl (60% C14, 30% C16, 5% C12, 5% C18)10.0%
Dimethyl Benzyl Ammonium Chloride90.0%
TOTAL:100.0%

EPA REG NO. 55555-55-55555

CAUTION

Directions for Use

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

For Disinfection of Healthcare Organisms:
Staphylococcus aureus,
Pseudomonas aeruginosa.

To Disinfect Hard, Nonporous Surfaces:
Pre-wash surface.
Mop or wipe with disinfectant solution.
Allow solution to stay wet on surface for at least 10 minutes.
Rinse well and air dry.

PRECAUTIONARY STATEMENTS:
Hazardous to humans and domestic animals. Wear gloves and eye protection.

CAUSES MODERATE EYE IRRITATION. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Avoid contact with foods.

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.

POISON CONTROL: Call a Poison Control Center (1-800-368-5048) or doctor for treatment advice.

STORAGE AND DISPOSAL: Store this product in a cool, dry area away from direct sunlight and heat. When not in use keep center cap of lid closed to prevent moisture loss. Nonrefillable container. Do not reuse or refill this container.

EXP MM-DD-YYYY
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Staff Training

- How and when are staff trained?
 - Upon hire? Annually? With new equipment?
 - How about contracted staff?
- What is included in staff training?
 - Overview of products used for cleaning/disinfection (and prep)
 - Process for cleaning reusable resident equipment
 - Importance of cleaning and disinfection
 - Is contact time a focus for training?
- How does your facility train?
 - Hands on, electronic learning modules, policies, teach back?
 - Manufacturers will often provide on-site training and QC



Training - Contact Time

- Disinfection products have a **contact time**
- The **contact time** is also known as the **wet time**.
- The **contact/wet time** is the length of time a product should stay wet on a surface to ensure proper disinfection.
- **Reminder-** multiple disinfection wipes may be required to achieve the contact/wet time (depending on the size of equipment, environment, etc.)



What if I forget the contact/ wet time for the disinfection cloth I am using?
-It can be found on the container of the product

Auditing/Compliance

- **Do you audit environmental cleaning for compliance?**
 - Use of rounding checklists/ black light inspections/ ATP swabs
 - *If you do this, rotate sites tested*
 - Engage your EVS staff to help; you are partners in preventing infections!
 - Observe staff use/preparation of cleaning products
 - Observe and discuss staff understanding of solution prep/dilution/ proper use
 - If you use a contracted service, ask for competencies
 - If your contracted staff is performing QA, ask to see where this is recorded
- **Do you audit equipment cleaning?**
 - Observe staff use of cleaning products
 - Observe cleanliness of reusable equipment
 - Observe and discuss staff understanding of contact time
 - Provide real-time, targeted education as needed
- **Do you audit the actual products?**
 - Are the lids to wipes open on rounds?
 - Are solutions dated appropriately?
 - Are products expired?





Let's Discuss!

Remember - The Best Learning We Do is from Each Other!

- **What are your Facility Practices/Protocols?**
- **What are your Successes?**
- **What are your Challenges?**

- **Do you have any Questions or Topic Suggestions?**



References and Helpful Resources

- **CDC Key Definitions:**

<https://www.cdc.gov/hai/prevent/resource-limited/definitions.html>

- **Guidelines for Environmental Infection Control in Healthcare Facilities:**

<https://www.cdc.gov/infectioncontrol/guidelines/index.html>

- **EPA Registered Disinfectants**

<https://www.epa.gov/pesticide-registration/selected-epa-registered-disinfectants>

- **How to read a disinfectant label**

[HowToReadALabel-508c-Final-2022-08-30 \(005\)_1.png \(1700×2200\) \(epa.gov\)](#)