



Module 2: Understanding Disinfectants

Infection Prevention and Control Training for
Environmental Services Staff

Objectives

- 1** Review the difference between cleaning and disinfection
- 2** Examine types of disinfectants
- 3** Demonstrate how to select a disinfectant
- 4** Identify key components of reading a disinfectant label
- 5** Discuss on the importance of proper disinfectant dilution

You Can Make a Difference!

- Improper cleaning and disinfection of environmental surfaces allow germs to spread and lead to infections
- The Environmental Services (EVS) team can be the first line of defense against germs!



Cleaning Versus Disinfection, Continued

Cleaning

Scrubbing surfaces with water and detergent to physically removing dust, dirt, and body fluids

Disinfection

Killing germs on surfaces with chemicals

Disinfectants can't work if cleaning doesn't happen first. Always remember to clean before disinfecting.



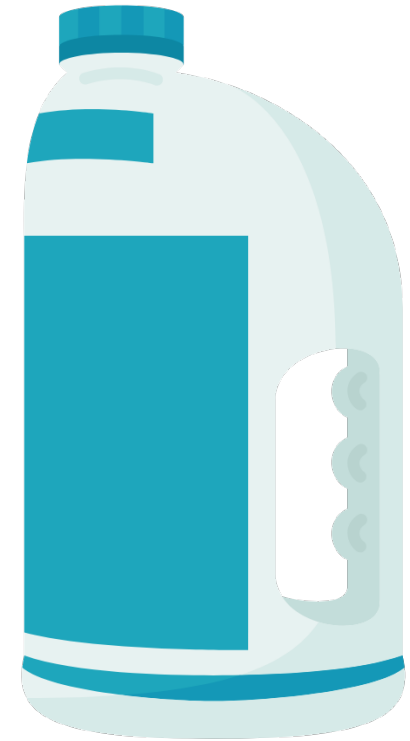
Detergents

- Use a detergent (Note: soap is a detergent)
- Detergent is mixed with water to lift the dirt off surface
- Removes but does not kill germs
- Germs can live in cleaning solution, change often
- Less toxic, less odor, and cheaper than disinfectants



Disinfection and Disinfectants

- Chemicals that kill germs (e.g., quats, bleach, hydrogen peroxide)
- Used on hard, non-porous surfaces such as bedrails and bedside tables
- A one-step detergent-disinfectant product cleans and disinfects at the same time

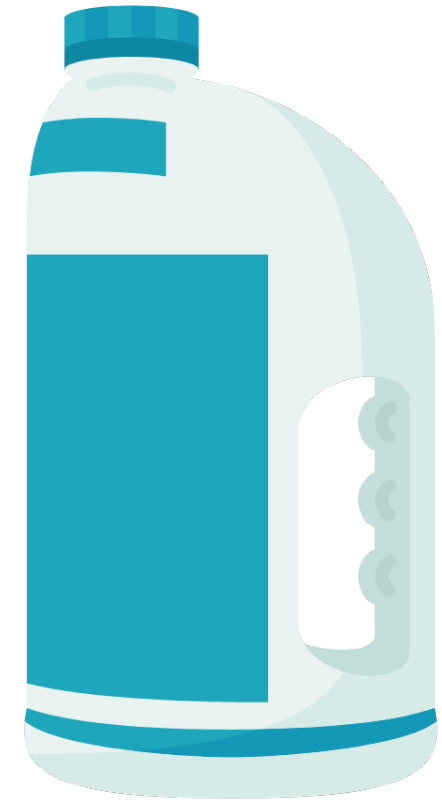


Disinfectant Type	Properties
Quaternary Ammonium Products (Quats)	<ul style="list-style-type: none"> • Widely-used • Generally, doesn't kill spores • Can cause health problems; ensure proper personal protective equipment (PPE) use
Chlorine-based (Bleach)	<ul style="list-style-type: none"> • Kills a wide range of germs including spores • Fast-acting • Can cause health problems; ensure proper PPE use • Can damage metals and fabrics
Hydrogen peroxide, accelerated H₂O₂ (Oxides)	<ul style="list-style-type: none"> • Kills a wide range of germs including spores • Can be shorter contact/wet time

Do not mix quats and bleach, as this can form a toxic gas.

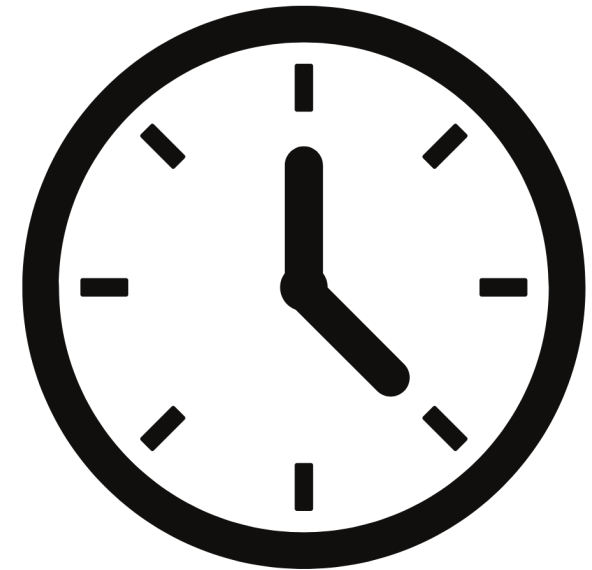
Is the Disinfectant Appropriate for the Task?

- Always check if the disinfectant you are using is appropriate for the task. Ask your EVS manager if unsure.
- Environmental Protection Agency (EPA)-registered, and labeled as “hospital-grade disinfectant”
- Kill claims: Type of germs the disinfectant kills
- Contact/wet time: Time required for the disinfectant to work
- Safety: Know the toxicity, PPE requirements, and appropriate use of disinfectant



Contact/Wet Time

- Contact/wet time is the amount of time required for a disinfectant to kill germs on a pre-cleaned surface
- A surface must remain wet long enough to achieve surface disinfection
 - You may have to re-apply to achieve the contact/wet time
- Follow label instructions for the appropriate contact/wet time



Knowledge Check

In order for a disinfectant to be effective, what must occur? Select all that apply.

- A. Surface must be cleaned
- B. Surface must remain wet for the disinfectant contact/wet time
- C. EVS staff must know and use the disinfectant contact/wet time
- D. All the above

Knowledge Check

Answer

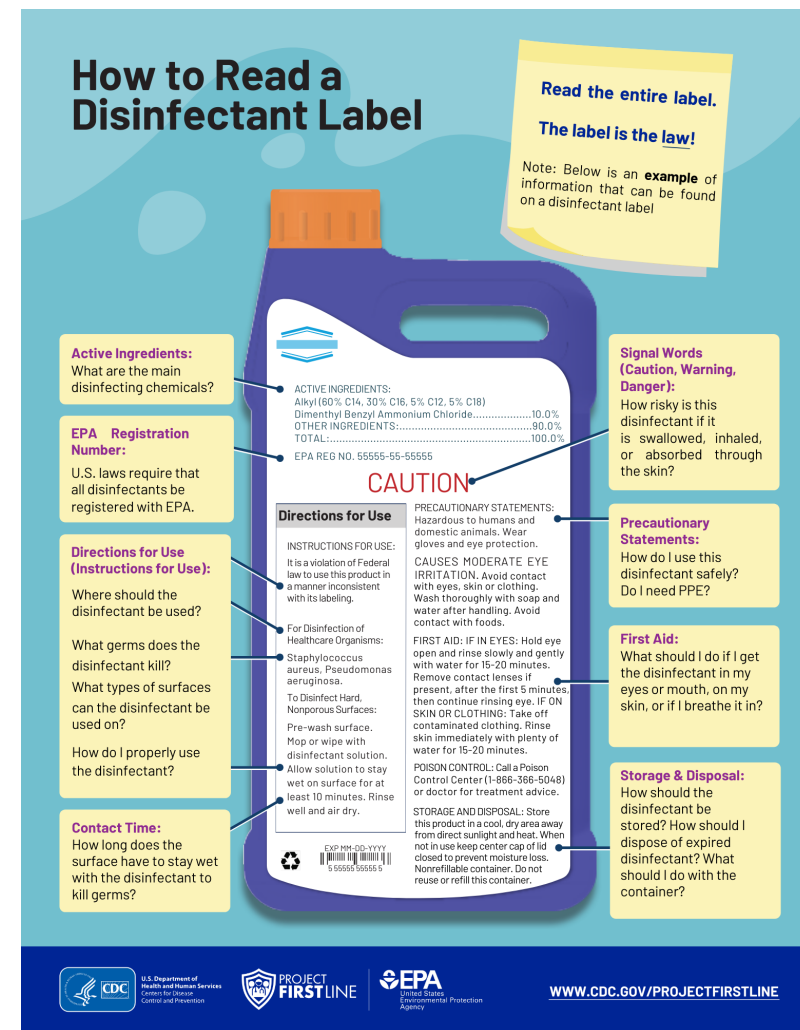
In order for a disinfectant to be effective, what must occur? Select all that apply.

Answer is bolded and marked with an asterisk ().*

- A. Surface must be cleaned
- B. Surface must remain wet for the disinfectant contact/wet time
- C. EVS staff must know and use the disinfectant contact/wet time
- D. All the above***

Answer: D

How to Read a Disinfectant Label



[How to Read a Disinfectant Label | CDC \(PDF\)](https://www.cdc.gov/project-firstline/media/pdfs/howtoreadalabel-infographic-508.pdf)

(www.cdc.gov/project-firstline/media/pdfs/howtoreadalabel-infographic-508.pdf)

How to Read a Disinfectant Label – Active Ingredients

Active Ingredients

- What are the main disinfecting chemicals?

[How to Read a Disinfectant Label | CDC \(PDF\)](https://www.cdc.gov/project-firstline/media/pdfs/howtoreadalabel-infographic-508.pdf)

(www.cdc.gov/project-firstline/media/pdfs/howtoreadalabel-infographic-508.pdf)

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?

Sample Label Content:

ACTIVE INGREDIENTS:
Alky (60% C14, 30% C16, 5% C12, 5% C18).....10.0%
Dimethyl Benzyl Ammonium Chloride.....90.0%
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 (1-866-366-5048) 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.

How to Read a Disinfectant Label – Directions for Use

Directions for Use

- **Identify (e.g., bacteria, viruses, fungi) the germs it kills**
- **Follow directions for use (e.g., how to mix product, how to disinfect)**
- **Use recommended amount for the correct duration (contact/wet time)**

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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)
Dimethyl Benzyl Ammonium Chloride.....10.0%
OTHER INGREDIENTS.....90.0%
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 (1-866-368-5048) 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.

EPA REG NO. 55555-55-55555

U.S. Department of Health and Human Services
Centers for Disease Control and Prevention

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How to Read a Disinfectant Label – Directions for Use, Continued

Directions for Use

- Identify (e.g., bacteria, viruses, fungi) the germs it kills
- **Follow directions for use (e.g., how to mix product, how to disinfect)**
- Use recommended amount for the correct duration (contact/wet time)

[How to Read a Disinfectant Label | CDC \(PDF\)](https://www.cdc.gov/project-firstline/media/pdfs/howtoreadalabel-infographic-508.pdf)

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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 Chloride.....90.0%
OTHER INGREDIENTS.....100.0%
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 (1-866-368-5048) 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.

EPA REG NO. 55555-55-55555

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Centers for Disease Control and Prevention

PROJECT FIRSTLINE

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Environmental Protection Agency

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How to Read a Disinfectant Label – Directions for Use, Cont.

Directions for Use

- Identify (e.g., bacteria, viruses, fungi) the germs it kills
- Follow directions for use (e.g., how to mix product, how to disinfect)
- **Use recommended amount for the correct duration (contact/wet time)**

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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)
Dimethyl Benzyl Ammonium Chloride.....10.0%
OTHER INGREDIENTS.....90.0%
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 (1-866-368-5048) 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.

EPA REG NO. 55555-55-55555

U.S. Department of Health and Human Services
Centers for Disease Control and Prevention

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How to Read a Disinfectant Label – Precautionary Statements

Precautionary Statements

- **Confirm required PPE**
- **Review precautions**

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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?

Sample Label Content:

ACTIVE INGREDIENTS:
Alkyl (60% C14, 30% C16, 5% C12, 5% C18)
Dimethyl Benzyl Ammonium Chloride.....10.0%
OTHER INGREDIENTS.....90.0%
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 Organizations:
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 (1-866-366-5048) 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
5 55555 55555 5

Logos: CDC, U.S. Department of Health and Human Services, Project Firstline, EPA, United States Environmental Protection Agency.

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How to Read a Disinfectant Label – Precautionary Statements, Continued

Precautionary Statements

- Confirm required PPE
- Review precautions

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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?

Sample Label Content:

ACTIVE INGREDIENTS:
Alky (80% C14, 30% C16, 5% C12, 5% C18).....10.0%
Dimethyl Benzyl Ammonium Chloride.....90.0%
OTHER INGREDIENTS.....90.0%
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 (1-866-366-6048) 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
555555555555

Logos: CDC, U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, PROJECT FIRSTLINE, EPA, United States Environmental Protection Agency.

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How to Read a Disinfectant Label – Storage and Disposal

Storage and Disposal

- Identify storage and disposal recommendations

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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:
Alkyd (60% C14, 30% C16, 5% C12, 5% C18).....10.0%
Dimethyl Benzyl Ammonium Chloride.....90.0%
OTHER INGREDIENTS:.....100.0%
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 (1-866-366-5048) or doctor for treatment advice.

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

Logistics:
EXP MM-DD-YYYY
55555-55555-5

Logos: CDC, U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, PROJECT FIRSTLINE, EPA, United States Environmental Protection Agency.

Website: [WWW.CDC.GOV/PROJECTFIRSTLINE](https://www.cdc.gov/projectfirstline)

How to Read a Disinfectant Label – Expiration Date

Check Expiration Date

- Manufacturer's expiration date
- Open date/discard date
- Mix date/discard date

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How to Read a Disinfectant Label

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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 Information:

- ACTIVE INGREDIENTS: Alkyl (60% C14, 30% C16, 5% C12, 5% C18) 10.0%
Dimethyl Benzyl Ammonium Chloride 90.0%
OTHER INGREDIENTS: 100.0%
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 (1-866-366-5048) 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
5 55555 55555 5

Logos: CDC, U.S. Department of Health and Human Services, Center for Disease Control and Prevention, PROJECT FIRSTLINE, EPA Environmental Protection Agency.

[WWW.CDC.GOV/PROJECTFIRSTLINE](https://www.cdc.gov/projectfirstline)

How to Read a Disinfectant Label – Manufacturers Expiration Date

Check Expiration Date

- **Manufacturer's expiration date**
- Open date/discard date
- Mix date/discard date

[How to Read a Disinfectant Label | CDC \(PDF\)](https://www.cdc.gov/project-firstline/media/pdfs/howtoreadalabel-infographic-508.pdf)

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How to Read a Disinfectant Label

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

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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 Chloride.....90.0%
OTHER INGREDIENTS.....90.0%
TOTAL.....100.0%

EPA REG NO. 55555-55-55555

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Staphylococcus aureus, Pseudomonas aeruginosa.

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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 (1-866-366-5048) 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.

EXPIRATION DATE: EXP MM-DD-YYYY
5 55555 55555 5

How to Read a Disinfectant Label – Open/Discard Date

Check Expiration Date

- Manufacturer's expiration date
- **Open date/discard date**
- Mix date/discard date

[How to Read a Disinfectant Label | CDC \(PDF\)](https://www.cdc.gov/project-firstline/media/pdfs/howtoreadalabel-infographic-508.pdf)

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How should the disinfectant be stored? How should I dispose of expired disinfectant? What should I do with the container?

Label Content:

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OTHER INGREDIENTS.....80.0%
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EPA REG NO. 55555-55-55555

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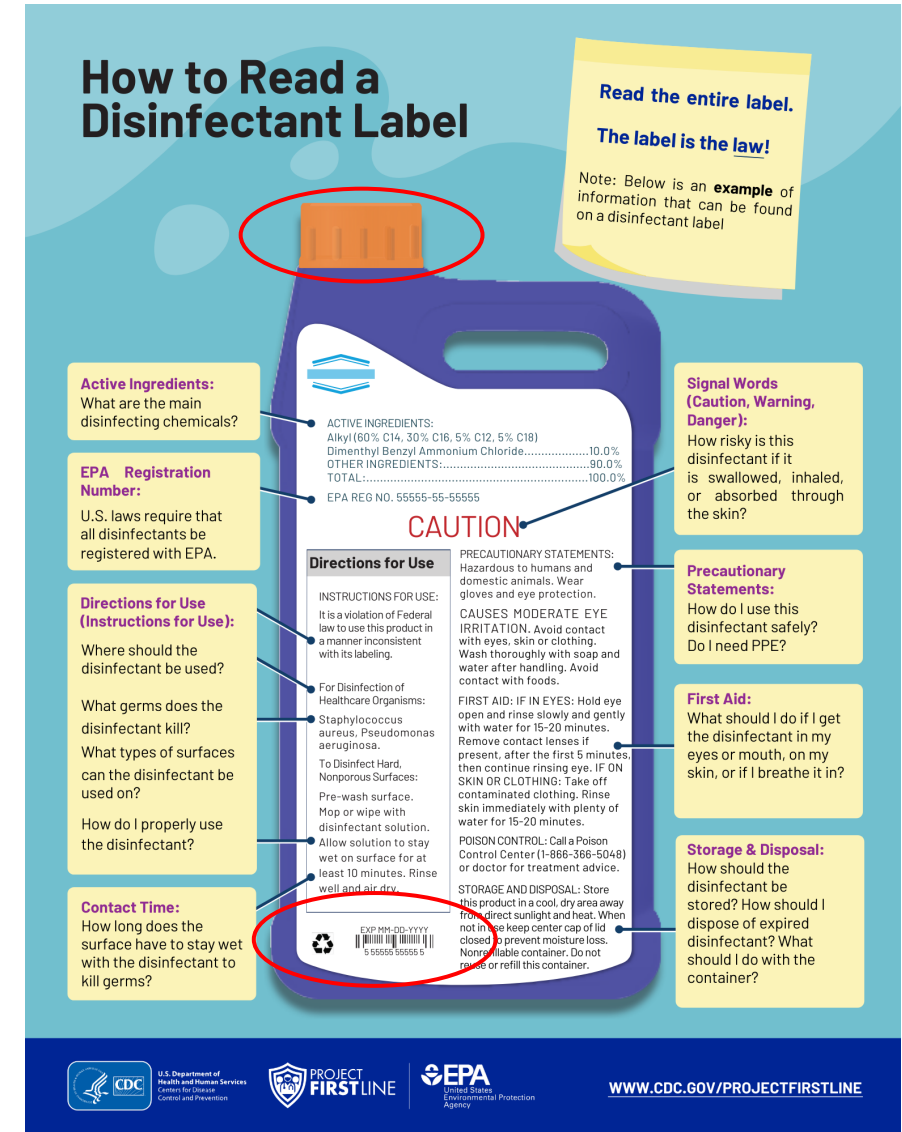
How to Read a Disinfectant Label – Mix/Discard Date

Check Expiration Date

- Manufacturer's expiration date
- Open date/discard date
- **Mix date/discard date**

[How to Read a Disinfectant Label | CDC \(PDF\)](https://www.cdc.gov/project-firstline/media/pdfs/howtoreadalabel-infographic-508.pdf)

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Dilute Disinfectant Per Label Instructions

- Always use disinfectant in correct dilution
- Never mix different disinfectants together
- Automated dispenser: Automatically dispenses disinfectant mixed with water
- Manual dispenser: Requires careful measuring to manually mix concentrated disinfectant with water



Preparing Environmental Cleaning Products: Manual Preparation

- Prepare solutions in a designated area (i.e., housekeeping/EVS closet)
- Follow label instructions
- Use accurate measuring tools (i.e., use a measuring cup). Never eyeball or guesstimate the measurement of disinfectant solution to water.
- Use PPE to prevent splashes or sprays

Best Practices For Disinfectant Use

- Follow label instructions
- Use the appropriate disinfectant for the surface

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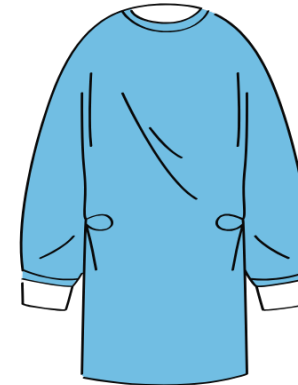
EXP MM-DD-YYYY
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Logos: CDC, U.S. Department of Health and Human Services, PROJECT FIRSTLINE, EPA, United States Environmental Protection Agency.

Website: WWW.CDC.GOV/PROJECTFIRSTLINE

Best Practices For Disinfectant Use

- Follow contact/wet time
- Ensure the disinfectant dilution is accurate
- Ensure the right PPE for the job



Practices to Avoid For Disinfectant Use

- Don't mix or dilute unless specified on the label
- Don't "top off" or add new solution to the containers
- Don't mix different disinfectants



Summary

- Only clean surfaces can be disinfected
- Disinfectant choice depends on the surface being cleaned
- Follow the label instructions for use including contact/wet time
- Don't mix different disinfectants

References

- [Cleaning, Disinfection and Reprocessing Reusable Equipment | CDPH \(PDF\)](http://www.cdph.ca.gov/Programs/CHCQ/HAI/CDPH%20Document%20Library/SNF_Online_IPCourse_Gs_Cleaning%20Disinfection%20Reprocessing_012521_ADA.pdf)
(www.cdph.ca.gov/Programs/CHCQ/HAI/CDPH%20Document%20Library/SNF_Online_IPCourse_Gs_Cleaning%20Disinfection%20Reprocessing_012521_ADA.pdf)
- [Cleaning and Disinfection Strategies for Non-Critical Surfaces and Equipment | CDC \(PDF\)](http://www.cdc.gov/infection-control/media/pdfs/Strive-EC102-508.pdf) (www.cdc.gov/infection-control/media/pdfs/Strive-EC102-508.pdf)
- [EPA's Registered Antimicrobial Products Effective Against Clostridium difficile Spores \(C. diff\) \[List K\] | EPA](http://www.epa.gov/pesticide-registration/list-k-antimicrobial-products-registered-epa-claims-against-clostridium)
(www.epa.gov/pesticide-registration/list-k-antimicrobial-products-registered-epa-claims-against-clostridium)

References

- [Training: EVS and the Battle Against Infection | CDC](http://www.cdc.gov/infection-control/hcp/training/training-evs-and-the-battle-against-infection.html)
(www.cdc.gov/infection-control/hcp/training/training-evs-and-the-battle-against-infection.html)
- [Infection Control Basics | CDC](http://www.cdc.gov/infection-control/about/index.html) (www.cdc.gov/infection-control/about/index.html)
- [Best Practices for Environmental Infection Prevention and Control | CDC](http://www.cdc.gov/dental-infection-control/hcp/dental-ipc-faq/cleaning-disinfecting-environmental-surface.html)
(www.cdc.gov/dental-infection-control/hcp/dental-ipc-faq/cleaning-disinfecting-environmental-surface.html)

References

- [Disinfection | CDC](https://www.cdc.gov/infection-control/hcp/disinfection-sterilization/disinfection-methods.html)
(www.cdc.gov/infection-control/hcp/disinfection-sterilization/disinfection-methods.html)
- [Recommendations for Disinfection and Sterilization in Healthcare Facilities | CDC](https://www.cdc.gov/infection-control/hcp/disinfection-sterilization/summary-recommendations.html)
(www.cdc.gov/infection-control/hcp/disinfection-sterilization/summary-recommendations.html)
- [Considerations for Reducing Risk: Surfaces in Healthcare Facilities | CDC](https://www.cdc.gov/healthcare-associated-infections/hcp/infection-control/)
(www.cdc.gov/healthcare-associated-infections/hcp/infection-control/)
- [Six Steps for Safe & Effective Disinfectant Use | EPA \(PDF\)](https://www.epa.gov/sites/default/files/2020-04/documents/disinfectants-onepager.pdf)
(www.epa.gov/sites/default/files/2020-04/documents/disinfectants-onepager.pdf)

References

- [Training: EVS and the Battle Against Infection | CDC](http://www.cdc.gov/infection-control/hcp/training/training-evs-and-the-battle-against-infection.html)
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- [Cleaning Supplies and Equipment | CDC](http://www.cdc.gov/healthcare-associated-infections/hcp/cleaning-global/supplies-and-equipment.html)
(www.cdc.gov/healthcare-associated-infections/hcp/cleaning-global/supplies-and-equipment.html)
- [Environmental Cleaning Procedures | CDC](http://www.cdc.gov/healthcare-associated-infections/hcp/cleaning-global/procedures.html)
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Project Firstline Resources

- Visit the [Project Firstline Website](http://www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/ProjectFirstline.aspx)
(www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/ProjectFirstline.aspx)
- Email the Project Firstline AskBox at ProjectFirstline@cdph.ca.gov

Project Firstline is a national collaborative led by the U.S. Centers for Disease Control and Prevention (CDC) to provide infection control training and education to frontline healthcare workers and public health personnel. The California Department of Public Health Healthcare-Associated Infections (HAI) Program is proud to partner with Project Firstline, as supported through Strengthening HAI/AR Program Capacity (SHARP) funding. CDC is an agency within the Department of Health and Human Services (HHS). The contents of this presentation do not necessarily represent the policies of CDC or HHS and should not be considered an endorsement by the Federal Government.

Activity Teaching Aids and Worksheets

Reading Disinfectant Labels

How to Read a Disinfectant Label

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Signal Words (Caution, Warning, Danger):
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U.S. Department of Health and Human Services
Centers for Disease Control and Prevention



PROJECT FIRSTLINE



United States Environmental Protection Agency

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Case Scenario #1

You have a new resident coming in. The nursing staff is putting pressure on EVS staff to clean the room faster and to have it ready soon. The contact/wet time for the product you use is 5 minutes, but nursing staff is asking you to ‘speed it up’.

How do you proceed with cleaning and disinfecting? Select all that apply.

- A.** Let it dry quickly
- B.** Wait the 5 minutes and allow it to dry
- C.** Wipe it off so it dries faster
- D.** Ignore the nursing staff
- E.** Other (Share your response)

Case Scenario #1

Answer

You have a new resident coming in. The nursing staff is putting pressure on EVS staff to clean the room faster and to have it ready soon. The contact/wet time for the product you use is 5 minutes, but nursing staff is asking you to ‘speed it up’.

How do you proceed with cleaning and disinfecting?
Select all that apply.

Answer is bolded and marked with an asterisk ().*

- A. Let it dry quickly
- B. Wait the 5 minutes and allow it to dry***
- C. Wipe it off so it dries faster
- D. Ignore the nursing staff
- E. Other (Share your response)***

Answer: B,E

*E may be a correct response depending on facility policy and procedure.

Case Scenario #1 Cont'd

**How would you respond to the situation?
What could you do if you're being
pressured to clean a room faster than you
are able to?**

- A. Contact EVS supervisor, let them know what's going on
- B. Inform the nursing staff of the products contact/wet time to make the room/surface safe for the next resident
- C. Ask EVS supervisor for assistance (maybe they can get extra EVS staff to help)
- D. Open lines of communication between nursing staff and EVS to ensure each other's deadlines and limitations
- E. Involve facility's infection preventionist and let them know this is an (ongoing) situation
- F. All of the Above

Case Scenario

#1 Cont'd

Answer

How would you respond to the situation? What could you do if you're being pressured to clean a room faster than you are able to?

Answer is bolded and marked with an asterisk ().*

- A. Contact EVS supervisor, let them know what's going on
- B. Inform the nursing staff of the products contact/wet time to make the room/surface safe for the next resident
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- D. Open lines of communication between nursing staff and EVS to ensure each other's deadlines and limitations
- E. Involve facility's infection preventionist and let them know this is an (ongoing) situation
- F. All of the above***

Answer: F

Case Scenario #2

A product has a 10-minute contact/wet time, but it dries in 5 minutes. What do you do? Select all that apply.

- A. Reapply the product to ensure it stays wet for the entire 10 minutes
- B. Add water to the surface so it stays wet longer
- C. Let the EVS manager know that you are having to rewet the surface to achieve the contact/wet time
- D. Use another product from home
- E. Nothing

Case Scenario #2

Answer

A product has a 10-minute contact/wet time, but it dries in 5 minutes. What do you do? Select all that apply.

Answer is bolded and marked with an asterisk ().*

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- D. Use another product from home
- E. Nothing

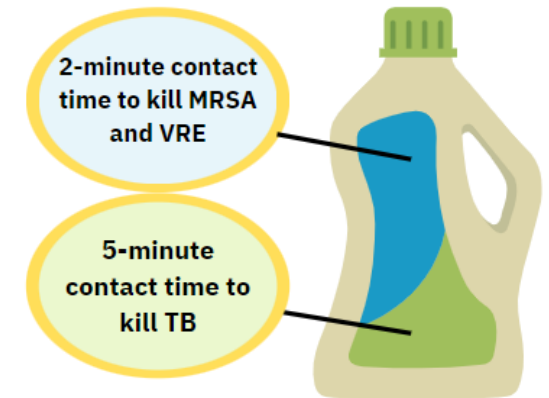
Answer: A,C

Case Scenario #3

You are using a disinfectant product that has different contact/wet times. This disinfectant product has, a 2-minute contact time to kill MRSA & VRE and a 5-minute contact time to kill TB.

Which contact/wet time would you use?

- A. The shortest time
- B. The longest time
- C. The average time
- D. The expiry date
- E. At midnight



Case Scenario #3

Answer

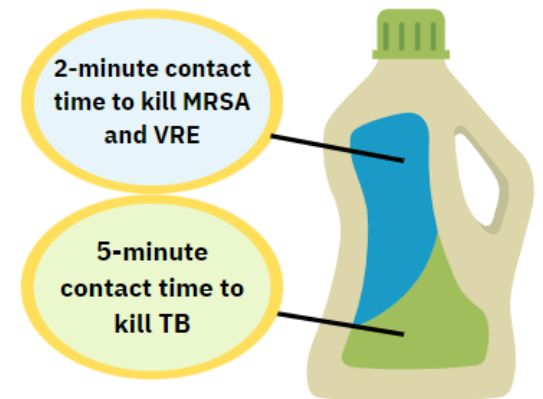
You are using a disinfectant product that has different contact/wet times. This disinfectant product has, a 2-minute contact time to kill MRSA & VRE and a 5-minute contact time to kill TB.

Which contact/wet time would you use?

Answer is bolded and marked with an asterisk ()*

- A. The shortest time
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- C. The average time
- D. The expiry date
- E. At midnight

Answer: B



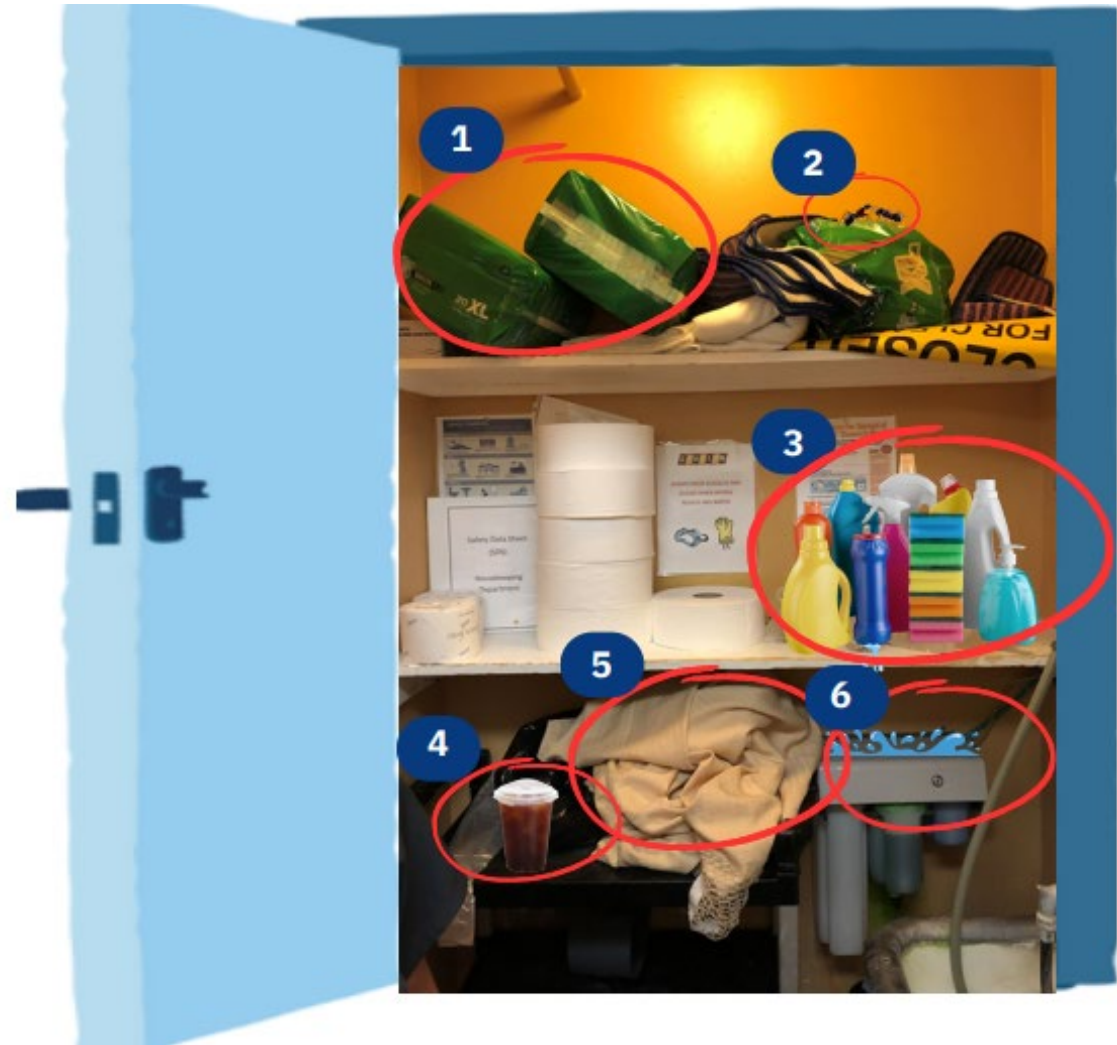
Picture This: What to Look for in an EVS Closet

- Identify six areas for improvement



Picture This: What to Look for in an EVS Closet - Answer Key

- Identify six areas for improvement



Thank You!

Questions?

For more information, contact
ProjectFirstline@cdph.ca.gov

