

Cleaning and Sanitizing Containers

- One-time use versus reusable containers
 - What are the containers made of?
 - Can they be cleaned? Sanitized?
 - Containers meant for one-time use should not be reused
- All food containers should be stored in a protected, clean, and covered area
 - Off the ground
 - Pest-control program



If I am selling direct market, how should I store the containers/boxes I will use? Can I re-use containers?







Maintain cleanliness during transport



NC STATE EXTENSION

If I am a PYO grower, what do I need to know about containers I give to customers to pick in? What if customers bring their own containers?



NC STATE EXTENSION

If I am selling wholesale or direct market and I have workers who pick into buckets or boxes, and then the grapes are transferred, what do I need to know about

those?



Containers can become contaminated when in direct contact with the ground





Recommendations on how to clean harvesters/bins for winemaking?

NC STATE EXTENSION

extension.ncsu.edu

Cleaning and Sanitation Workshops

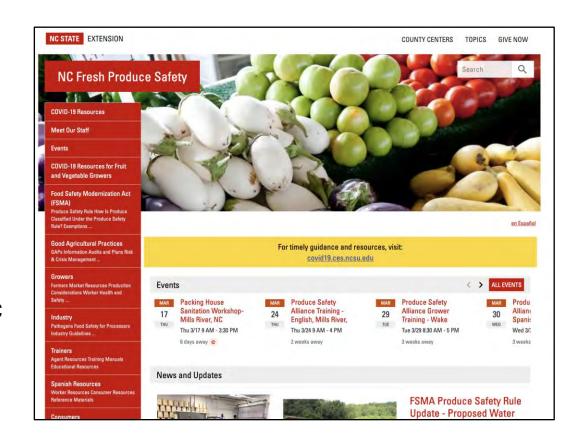
- March 17 Mills River, NC
- March 31 Clinton, NC

Produce Safety Alliance Workshops

- March 24 Mills River, NC
- March 29 Raleigh, NC
- May 5 Winston-Salem, NC

Produce Safety Alliance Workshops (Spanish)

- March 30 Clinton, NC
- April 21 Mills River, NC



https://ncfreshproducesafety.ces.ncsu.edu/events/

NC STATE EXTENSION

What are the differences?

Clean

Physical removal of soil and food residue from surfaces which can include the use of clean water and detergent.

Sanitize

Treatment of a cleaned surface to reduce the number of microorganisms of public health significance to a safe level within 1 minute.

Disinfect

Treatment of a cleaned surface to destroy or inactivate all infectious organisms on hard surfaces within 10 minutes.

All surfaces

Non-food contact surfaces (99.9% reduction)

Food contact surfaces

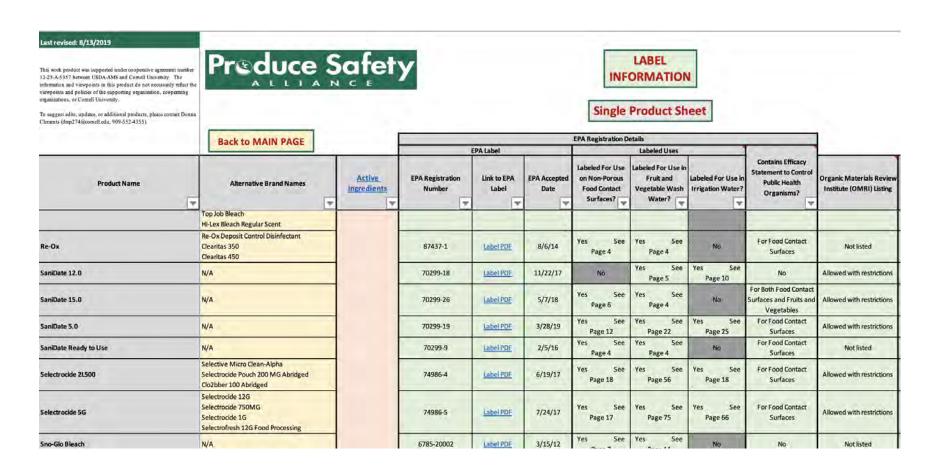
(99.999% reduction)

Non-food contact surfaces, high touch surfaces, incident with infected person

EPA Registration of Sanitizers

- Sanitizers are considered antimicrobial pesticides and must be registered with the EPA.
- Follow the directions on the label for intended use
 - The label is the law!
 - Directions are validated methods and safe use
- When choosing EPA-labeled sanitizers, look for:
 - Intended use, such as nonporous food contact surfaces or non-food contact surfaces instructions
 - If labeled to control public health organisms, it should list specific target microorganisms
 - SARS-CoV-2 will not be included on the label
 - Refer to EPA's List N

Produce Safety Alliance: Labeled Sanitizers for Produce Excel tool



Source: https://producesafetyalliance.cornell.edu/resources/general-resource-listing/

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Always refer to manufacturer's care instructions before using on equipment or devices.

To Refill: Bemove: Remove cap from empty bottle. Pour: Unscrew cap on refill and pour contents directly into empty bottle. Use: Replace

To Clean, Disinfect and Deodorize Hard, Nonporous Surfaces: Stray 6"-8" from surface until surface is thoroughly wet. Allow this Wicke' spores: let stand for 3 minutes. Then wipe with a clean, damp cloth. For heavily solled areas, a precleaning is required. Finse with gotable water for food-contact surfaces. To Clean: Follow directions above or apply with a clean cloth, mop, or sponge saturated with Clorex Healthcare® Bleach Germicidal Cleaner until surface is completely wet. (When applying with a saturated cloth or sponge, gloves should be worn.) No standing time is required. If streaking is observed, wipe with a clean, damp cloth or paper towel. Special instructions for Cleaning Prior to Disinfection against Clasfridium difficile spores. Personal Protection: Wear appropriate barrier protection such as gloves, gowns, masks, and eye covering. Cleaning Procedure: Fecal matter/waste must be thoroughly cleaned from surfaces/objects before disinfection by application with a clean cloth, map, and/or sponge saturated with this product. Cleaning is to include vigorous wiping and/or scrubbing, until all visible soil is removed. Special attention is needed for high-fouch surfaces. Surfaces in patient rooms are to be cleaned in an appropriate manner, such as from right to left to right, on horizontal surfaces, and top to bottom, on vertical surfaces, to minimize spreading of the spores. Restrooms are to be cleaned last. Do not reuse solled cloths. Infectious Materials Disposal: Materials used in the cleaning process that may contain feces/wastes are to be disposed of immediately in accordance with local regulations for infectious materials disposal. Disinfection Procedure: Spray 6"-8" from surface until surface is completely wet. Let stand for 3 minutes. Wipe with a clean, damp cleth or paper towel or allow to air dry. KILLS HIV, HBV, AND HCV ON PRE-CLEANED, NONPOROUS SURFACES/OBJECTS PREVIOUSLY SOLLED WITH BLOOD/BODY FLUIDS in healthcare settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood/body fluids, and in which the surfaces/objects likely to be solled with blood/body fluids can be associated with the potential for transmission of Human Immunedeficiency Virus Type 1 (HHV-1) (associated with AIDS), Hepatitis B Virus (HBV), and Hepatitis C Virus (HCV). *Special Instructions for Cleaning and Decontamination Against HRV-1 (AIDS Virus), HBV and HCV on Surfaces/Objects Soiled with Blood/Body Fluids. Personal Protection: When handling items solled with blood or body fluids, use disposable gloves, gowns, masks, and eye coverings. Cleaning Procedure: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before applying this product. Contact Time: Let stand for 1 minute. For all other organisms, see directions for contact times. Disposal of Infectious Materials: Use disposable impervious ploves, gowns, masks and eye coverings. Blood and other body fluids must be autoclaved and disposed of according to local regulations for infectious waste disposal.

This product is not to be used as a terminal sterilantifligh-level disinfectant on any surface or instrument that (ft) 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. This product may be used to preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection.

Multipurpose, broad spectrum cleaner disinfectant for use in healthcare and other areas where control of cross-contamination on surfaces is required. Meets OSHA Bloodborne Pathogens Standard.

Compatible with a wide variety of surfaces, Check clorexhealthcare.com/compatible.

SURFACES: May be used on hard, nonporous surfaces such as chrome, enamel, liberglass (sealed) surfaces, Formica®, glass, glazed ceramic tile, laminated surfaces, plastic#, stainless steel, vinyl. Avoid contact with: aluminum, brass, copper, Corian®, fabric, galvanized steel, rubber, sealed granite, sealed marble, silver, wood, Medical hard, nonporous surfaces: autoclaves11, bed pans, bed railings, blood glucose monitors**, exam tables, high touch surfaces, mattress covers, medical equipment surfaces**, Dental hand, nonporous surfaces; counters, operatory hard surfaces, General hard, nonporous surfaces; bathroom fixtures, countertops, doorknobs, exterior toilet surfaces, garbage cans, showers, sinks, tables. USE SITES: Medical - dialysis clinics, emergency rooms, home healthcare, hospitals, intensive care units, isolation areas, nursing homes, outpatient clinics, operating froms, patient restrooms, patient froms. Dental - dental clinics, labs.

For any use site that includes electronics, refer to manufacturers' instructions before use.

For unfamiliar surfaces, test in a small, inconspicuous area first. Consult medical equipment warranty information and equipment care. and cleaning guides prior to selecting and using any surface disinfectant on plastic surfaces.

QUESTIONS OR COMMENTS? Call (800) 234-7700.

For SDS information, clease go to www.clgroxhealthcare.com, A list of this product's ingredients is available at www.ingredients/riside.com, Mfd. for Clorox Professional Products Company, 1221 Broadway, Oakland, CA 94612.

Clorox Healthcare is a registered trademark of Clorox Professional Products Company.

EPA Reg. No. 56392-7. EPA Est. No. 8251-0H-1 (06): 5813-GA-1 (A4), GA-2 (VG).

ig of patch code indicates Est. No.



Bleach Germicidal Cleaner

Limpiador Germicida con Blanqueador

- · Bactericidal, Virucidal*, Fungicidal, Sporicidal*
- Ready-to-Use 1:10 Dilution of Bleach and Detergent
- Meets OSHA Bloodborne Pathogens Standard
- Aids in Reducing Cross-Contamination **Between Treated Surfaces**

KEEP OUT OF REACH OF CHILDREN CAUTION: READ COMPLETE DIRECTIONS AND PRECAUTIONS ON BEAR PANELS.

MANTENGASE FUERA DEL ALCANCE DE LOS NINOS

PRECAUCIÓN: LEA LAS INSTRUCCIONES Y PRECADICIONES COMPLETAS EN LOS PANELES DE ATRÁS. Las instrucciones y la información de procaución se pueden epcontrar en español su el panel pusterior.

ACTIVE INGREDIENT: JI.65% Sedings Honochlorite 99.35% OTHER INCREMENTS: 300,00% Contains no pheophoroux.

1 QT (32 FL OZ) 946 mL

Efficacy tests have demonstrated that this product is an effective bacteriside, virusidel and fungicide in the presence of organic soil (5% blood smurri). Kills ORGANISMS: C. difficiles

Bacteria: 1 minute contact time

- Acinelabacter haumannii
- · Bordetetta pertussis · Campylobacter jejuni
- · Carbapenem-resistant Kiebsiella
- pneumoniae (CRKP)
- Enterobacter aerogenes
- Enterobacter cloacae New Delts Metallo-Beta Lactamase-1 (NDM-1)
- Enterococcus hirae
- ESBL (Extended Spectrum Beta Lactamase) producing Escherichia coli
- ESBL (Extended Spectrum Beta Lactamase). producing Klebsiella pneumaniae

Bacteria: 3 minute contact time *Clostridium difficile⁸ spores

Viruses*: 1 minute contact time · Adenovirus Type 2

- Avian Influenza A (H3N2) Virus
- #Canine Parvovirus
- *Enterovirus Type D68
- Feline Panleukopenia Virus
- *Hepatitis A Virus (HAV) *Hepatitis B Virus (HBV) (Duck Hep B)
- Virus (DHBV) as surrogate)
- · Hepatitis C Virus (HCV) (Bovine Viral
- Diarrhea Virus (BVDV) as surrogate)
- Hnfluenza A H1N1 Virus Influenza A Virus
- Influenza B Virus
- Measles Virus
- *MERS Coronavirus
- Norovirus (Feline Calicivirus)
- as surrogate)
- Kills Clastridium difficiles spores in 3 MINUTES in the presence of three-part soil load. tBloodborne pathogens

Metallo-Beta Lactamase-1 (NDM-1)

Klebsiella pneumoniae – New Delhi

Staphylococcus aureus (MRSA)

"Human Immunodeficiency Virus

Type 1(HIV-1) (AIDS Virus)

Metallo-Beta Lactamase-1 (NDM-1)

. "Herpes Simplex Virus Type 2 (HSV-2) . "Pollovirus

Klebsiella pneumoniae

Methicillin-resistant

· Multi-drug-resistant

· Proteus mirabilis

Salmonella enterica

Serratia marcescens

Enterococcus faecium

Pseudomonas aeruginosa

- Escherichia coli New Delhi: Staphylococcus aureus
 - Staphylococcus epidermidis Streptococcus pyogenes
 - Stenotrophomonas maltophilia
 - Streatococcus nonumoniae
 - · Vancomycin-intermediate-resistant
 - Staphylococcus aureus (MSA)
 - · Vancomycin-resistant Staphylococcus aureus (VRSA)
 - · Vancomycin-resistant Enterococcus faecalis (VRE)
 - Vancomycin-resistant Enterococcus faecium (VRE)

Rhinovirus Type 37 !Rotavirus . ISARS-Associated Coronavirus

Fungt: 1 minute contact time · Candida albicans

· Trichophyton mentagrophytes (Athlete's Foot Fungus)

5Follow special instructions for cleaning prior to disinfection. PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS.

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, chinking, chewing gum, using tobacco or using the toilet, FIRST AID: If in Eyes, Hold eye open and rinse slowly and gently with water for 15-20 minutes. If present, remove contact lenses after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. PHYSICAL OR CHEMICAL HAZARDS: Do not use this product with ammonia or acids such as vinegar, rust removers, or toilet bowl cleaners. This product not intended for use on fabrics.

STORAGE AND DISPOSAL: Store this product in a cool, dry area, away from direct sunlight and heat. Refillable container, Refitt empty Clorex Healthcare® Bleach Germicidal Cleaner spray container only from Clorex Healthcare® Bleach Germicidal Cleaner refill bottle. Cleaning before refilling is the responsibility of the refiller. Take care to update expiration date on refliable bottle and replace bottle if it becomes worn or damaged. Do not reuse this container for any other purpose. Rinse container with water prior to disposal. Cleaning the container before final disposal is the responsibility of the person disposing of the container. When discarding container, place in trash collection or take to recycling center. Do not contaminate water, food or feed by storage and disposal.

