

BELLEVUE COLLEGE

Safe Back to School Plan

Updated August 31, 2020

Overview

Per Governor Inslee's Proclamation 20-12.1 issued for Higher Education – Fall 2020, prior to recommencing higher education and workforce training programs, all schools are required to:

- **Adhere to all federal, state and local public health and workplace safety requirements.**
- **Develop comprehensive plans ("Safe Back to School Plan") based on the Campus Reopening Guide prepared by the Higher Education Reopening Work Group. The plan must meet all standards for reopening in accordance with federal, state and local health requirements (to include *Safe Start* proclamations and guidance), and make available a copy of these plans at each location on campus.**
- **Follow state return to work guidance to include allowing work from home for operations able to be performed remotely.**
- **Adhere to state and federal law for health and workplace safety during COVID-19 including state "Safe Start" guidance and State Department of Labor & Industries guidelines.**
- **Regularly self-monitor and update the Safe Back to School Plan.**

The safety and health of all students and employees is Bellevue College's highest priority. College leadership has worked to meet or exceed all requirements issued by the Governor's office, the State Department of Health (DOH), the Department of Labor & Industries (L&I), and Public Health Seattle & King County (PHSKC) per worksite safety. This plan addresses all requirements of [State Proclamation 20-12.1](#) and additional guidance provided in the [Campus Reopening Guide](#). Additionally, Bellevue College will follow all guidance issued by the [Washington State Department of Labor & Industries](#) regarding workplace safety during COVID-19.

Bolded content is quoted directly from the proclamation. This plan will be updated to reflect any new state or county requirements. The most recent version of the plan will be available online at www.bellevuecollege.edu/covid19/. A copy of the plan will be available at health screening stations throughout campus.

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Guiding Principles

1. Protect the health and safety of every Bellevue College employee, student, and visitor.
2. Base decisions on the best available science (University of Washington, Public Health – Seattle & King County, Washington State Department of Health, etc.).
3. Meet all legal responsibilities (use Higher Education & Workforce Training COVID-19 Safety Requirements as the guiding document).
4. Seek feedback from and work to address employee concerns (utilizing governance, councils, labor relations groups, and assemblies identified for this purpose).
5. Communicate the Safe Back to School Plan with all stakeholders via multiple platforms as soon as possible.
6. Be flexible in order to respond to changing requirements from the state and county.

General Expectations

There will be a limited number of on-ground courses during Fall of 2020. The decision to hold a course on-ground will be based on program requirements and the need to have “hands-on” instruction that cannot be taught remotely.

All other courses and student and professional services will be offered through remote modalities.

A limited number of offices will provide on-campus support.

Employees whose presence on campus is not required in order to perform their jobs are encouraged to work remotely.

Roles and Responsibilities

Campus COVID-19 Supervisor

BC's Vice President for Administrative Services will serve as the college's designated campus COVID-19 supervisor and is responsible for monitoring and updating the Safe Back to School Plan. The Executive Director of Campus Operations will serve as backup (see Appendix D for all COVID-19 responsibilities).

Plan Supervisors

The Provost, Associate Vice President for Academic Affairs, Associate Vice President for Student Affairs, Vice President for Human Resources, Vice President for Economic and Workforce Development, and Vice President for Diversity, Equity and Inclusion will serve as plan supervisors. Their role is to regularly review this plan and work with their staff to execute this plan.

Site Supervisors

Each building on campus will have a designated site supervisor. The site supervisor is responsible for working with the campus COVID-19 supervisor, the Flu Team and Public Safety to draft a building specific supplemental plan that complies with this plan and enacts measures to mitigate the spread of COVID-19. Site supervisors are also responsible for overseeing the setup of classrooms, signage and floor markings in their building. Some buildings may require more than one site supervisor.

Employee Supervisors

Supervisors will ensure direct reports receive the provided COVID-19 safety training, follow COVID-19 safety measures, and ensure employees routinely clean their workspace and shared equipment after each use. They will also be responsible for approving employee's requests to come to campus and validating their employees completed the online health assessment every day they are on campus. Supervisors may be scheduled as health screening station personnel at health screening stations.

Health Screening Station Personnel

Site supervisors, department supervisors, other supervisors and area staff will rotate as health screening station personnel. They are responsible for checking in students and employees as they arrive on campus for class or work, where required.

Department Representative

The Department Representative is responsible for ordering and storing PPE supplies and cleaning kits for their department.

Employees and Students

All employees and students are required to submit a daily [online health assessment](#) via the webpage prior to reporting to the campus (exception: students living on campus do not need to submit complete a daily online health assessment if they are only going in and out of student housing). Every individual on campus must do the following:

- Practice physical distancing.
- Wear a face mask.
- Follow all instructions regarding the use, maintenance, and disposal of PPE.
- Those who are sick or experiencing even mild symptoms of illness that can't be attributed to another condition (e.g., allergies), must stay home, or go home if symptoms manifest while on campus. If symptoms develop while the employee/student is not working, the employee/student should not return to work/class until they have been evaluated by a healthcare provider.
- Follow state rules and guidelines for self-quarantine.
- Report any COVID-19 symptoms, test results, or close contact with a COVID-positive person to covidreporting@bellevuecollege.edu.

Visitors, Vendors, Consultants

The College is limiting building access to those who are on campus for official business. All visitors who need to enter a building for official business must be signed in by a site supervisor using a paper health assessment or confirmed verbal answers to screening questions and follow the above employee requirements. The log of the visit will be maintained via health screening station digital records.

Safety Training and COVID-19 Education

Educate students and personnel on symptom detection, sources of high risk to COVID-19, prevention measures, and leave benefits/policies (e.g., UI for employees that need to self-quarantine); following any education requirements for employers per state COVID-19 Safe Start plan.

Required Training for Students

Students must complete the Safety Training and COVID-19 Education in Canvas before the first day of class. Instructors will provide any updates or changes thereafter.

Required Training for Employees

BC employees must complete the Safety Training and COVID-19 Education Course before returning to the workplace and will provide the completion certificate to their supervisor. Changes and advisory notices will be communicated throughout campus by the Campus COVID-19 Supervisor or designee, as necessary. Supervisors are responsible for reinforcing training and reading notices on a regular basis.

Supplemental Training

BC will provide supplemental training to employees responsible for reporting and or acting upon any notice of potential exposure or positive COVID-19 test.

Physical Distancing

Maintain minimum physical distancing of six (6) feet whenever possible between all employees, students, and visitors. Where physical distancing cannot be maintained, implement administrative or engineering controls to minimize exposure.

Implement floor markings to promote physical distancing.

Post signs to remind students/employees of physical distancing, PPE requirements, and to use hand sanitizer.

General

Physical distancing is one of the most effective methods for preventing the spread of COVID-19. BC will implement measures to ensure the six (6) foot distancing rule is maintained throughout campus. In areas where six (6) foot physical distancing is not possible, the College will provide guidance to limit contact while allowing for infrequent and intermittent passing within six (6) feet. Employees who can work from home are encouraged to do so to minimize the number of potential interactions.

Potential Bottlenecks and High Traffic Areas

The areas listed below have been identified as potential high-risk locations that will be addressed using a variety of methods to minimize risk. Measures may include barriers, signage and markings, furniture placement, and establishment of traffic flow patterns.

Building Entrances

The College will implement the following measures at each building entrance to limit the potential spread of the virus:

- Health screening stations are required at the entrances for self-contained buildings with interior rooms (buildings G, K, L, N, Q, R, S, T, U, V); in legacy buildings (A, B, C, D, E) the supervisor for each area will need to establish check-in procedures. Those procedures must be written and approved by the campus COVID-19 supervisor.
- Where lines are expected (interior and exterior), place floor markings to maintain spacing between people and establish traffic flow patterns.
- Post health screening station personnel at each health screening station.
- Post signage for all building entrances to reinforce physical distancing, PPE, etc.
- Consider staggering employee work hours to minimize bottlenecks.

Reception Areas

- Place floor markers for physical distancing inside and outside the elevator.
- Post signage.
- Place plexiglass barriers for employees who meet with students/clients.

Elevators

- Place floor markers for physical distancing inside and outside the elevator.
- Limit passengers.

- Post signage.

Narrow Stairwells

- Place floor markers to divide up versus down and establish traffic flow patterns.
- Post signage.

Common Areas

- Post signage.
- Reduce furniture to allow for adequate space between pieces.
- Increase spacing between computers.

Restrooms

- Place floor markers inside and outside doors for line distancing.
- Post signage outside: occupancy limit, masks.
- Post signage inside: proper handwashing steps, safe disposal of waste.

Classroom and Labs

- Classroom and lab layouts adhere to physical distancing requirements.
- Furniture removal and re-arrangement.
- Place floor markings for traffic flow patterns.
- Post signage.
- Disinfect equipment after usage (see [Cleaning and Disinfecting Your Facility](#)).
- Place plexiglass barriers for employees who meet with students/clients.
- Schedule appointments to space customers and to avoid close contact (note: this is especially critical in shared offices).
- Reduce and rearrange furniture to ensure adequate spacing.

Conference Rooms and Event Spaces

- Adhere to Washington State Guidance on meeting sizes and appropriate measures.

Personal Protective Equipment (PPE)

Provide students and employees with PPE such as gloves, goggles, face shields, and/or masks as appropriate or required for students/employees not working alone (e.g., any public-facing job and/or those whose responsibility includes operating within physical distancing limits of six (6) feet), and shut down or suspend any activity if PPE cannot be provided.

Face Masks

Facial coverings are required as soon as employees, visitors or students arrive on campus and until they leave campus. This includes parking lots and garages, bus stops, pathways, grassy areas, benches, building entrances and exits, building interiors, etc. The only exception is when working alone or through an approved reasonable accommodation with HR (employees) or the Disability Resource Center (DRC) (students). The state defines “working alone” as: “Someone is considered to be working alone when they're isolated from interaction with other people and have little or no expectation of in-person interruption. How often a worker is able to work alone throughout the day may vary.” Examples of “working alone” can be found on the [state page that explains mask requirements](#). Students are responsible for providing their own mask for use around campus.

Distribution

- Every employee will be provided one disposable mask at no cost each day they are on campus. College provided masks will meet surgical guidelines, at a minimum.
- Masks and other general PPE (e.g. gloves) will be purchased by Campus Operations and distributed to employees through their respective department representative.
- Students are responsible for providing their own mask; however, the College will keep stock on hand in case a student needs an emergency mask. In cases where specialized masks are required for instruction, such as in certain healthcare courses, the College will provide a mask for each class.

Medical Exemptions

- Employees who cannot wear masks for medical reasons should contact Vice President of Human Resources Suzette Yaezenko at suzette.yaezenko@bellevuecollege.edu or 425-564-2178.
- Students who cannot wear masks for medical reasons should contact BC's Disability Resource Center Director Marisa Hackett at marisa.hackett@bellevuecollege.edu or 425-564-2392.

Hygiene

Implement and maintain frequent and adequate hand washing policies and include adequate cleaning and PPE supplies.

Use disposable gloves and other Personal Protective Equipment (PPE) where safe and applicable to prevent transmission on shared items.

Implement floor markings to promote physical distancing.

Post signs to remind students/employees of physical distancing, PPE requirements, and to use hand sanitizer.

Best Practices

Use these best practices at home and on campus:

- Wash hands frequently using soap and warm water for at least 20 seconds. Use hand sanitizer with a minimum of 60% alcohol content if water is not available.
- Wash hands before and after food prep and before eating.
- Wash hands after using the restroom, coughing or sneezing, using the toilet, handling garbage, caring for sick people, and coming into contact with high-touch surfaces.
- Wash hands before and after wearing a face covering.
- Avoid touching your eyes, nose, or mouth with unwashed hands.
- Avoid contact with people who are sick. Stay home if you are sick.
- Cover your mouth and nose with your elbow or tissue when coughing or sneezing. Immediately dispose of used tissue in garbage can.

Posters

The College will place posters in classrooms and other visible locations to remind students and employees about the importance of proper hygiene.

Public Announcement

The College will use BC FYI, e-mail and social media to remind people to wear masks and maintain social distancing regularly. BC alerts can be used for time critical or emergency notifications.

Supplies

BC will distribute cleaning kits around campus, based on requests from department representatives. Each kit contains a caddy, paper towels, gloves, ECOLAB Peroxide Multi Surface Cleaner and Disinfectant spray, and hand sanitizer (see Appendix I for more information). Departments are to use the [Request Center under Campus Operations - Custodial Services](#) to request additional supplies.

Soap and running water are available in every restroom. Soap will be checked daily and replenished by campus custodial staff as often as needed.

Departments will determine the need for cleaning kits and hand sanitizers in classrooms and office areas and place them appropriately.

Cleaning and Disinfecting

Implement and maintain adequate sanitization of high-touch surfaces and shared resources (e.g., doorknobs, elevators, vending machines, points of sales).

The College supports the practice of, “If you touch it, then you disinfect it.”

- All classrooms, public restrooms, and common areas in use (including upholstered furniture) will be cleaned and disinfected daily by custodians.
- Custodians will clean interior and exterior high-touch areas such as door handles, railings, counters, and public restrooms.
- Each classroom where instruction is occurring will be equipped with a cleaning kit. Employees and students will be responsible for using the supplies to clean equipment they touch (e.g., keyboard, instructional equipment, etc.) before leaving the area. Common spaces and office suites will be equipped with a cleaning kit. Employees will be responsible for cleaning equipment they use in their personal work areas and in common areas (e.g. microwave, sink, etc.). This includes surfaces in breakrooms and meeting rooms such as:
 - Tables
 - Hard-backed chairs
 - Doorknobs
 - Light switches
 - Telephones
 - Personal workstations
 - Countertops
 - Sinks and faucets
 - Tools and equipment
 - Microwaves
 - Keyboards
 - Steering wheel, seatbelt, and car door handles in college vehicles

Health and Symptom Monitoring

Require that students and employees stay home and seek medical or local public health guidance if they are experiencing any known symptoms and to remain isolated until diagnosis and next steps are clear.

Require that students and employees self-quarantine or isolate per local public health guidelines if they are confirmed to have COVID-19 or have been exposed to confirmed case.

Refer to [guidance from the Washington State Department of Health](#).

Implement and maintain a self-certification program through which students and employees are asked to self-certify that they have experienced no COVID-19 symptoms since their last visit to campus facility.

Follow state guidelines for logging onsite employees by, to the extent feasible, implementing a program to log students, employees, and visitors.

Designate specific spaces for isolating campus employees who live on campus and/or residential students as needed (e.g., specific building campus employees and/or students can quarantine in).

Daily Online Health Assessment

BC employees and students must complete a daily [online health assessment](#) every day they come to campus (exception: students living on campus do not need to complete a daily online health assessment if they are only going in and out of student housing). Employees that do not have access to the online health assessment from home should complete it immediately upon arriving to campus each day by using a college computer. Those who are sick or experiencing even mild symptoms of illness that can't be attributed to another condition (e.g., allergies), must stay home, or go home if symptoms manifest while on campus. If symptoms develop while the employee/student is not working, the employee/student should not return to work/class until they have been evaluated by a healthcare provider. Symptoms/situations include:

- A fever (100.4F or higher), or sense having a fever.
- A new cough that you cannot attribute to another health condition.
- A new shortness of breath that you cannot attribute to another health condition.
- A new sore throat that you cannot attribute to another health condition.
- New muscle aches (myalgias) that you cannot attribute to another health condition, or that may have been caused by a specific activity (such as physical exercise).
- A headache that you cannot attribute to another health condition.
- A new loss of taste or smell that you cannot attribute to another health condition.
- A positive test for COVID-19 in last 14 days.
- You or a member of your household has been advised to self-quarantine for confirmed or suspected COVID-19 in the last 14 days.
- You or a member of your household has been caring for a person with confirmed or suspected COVID-19 in the last 14 days.

Supervisors will conduct a daily verbal check with employees on campus to ensure they completed the online health assessment before arriving on campus.

The online health assessment data will be maintained in a confidential, online format that can only be accessed by designated College personnel.

Health Screening Stations

Health screening stations will be established and staffed in all buildings where students or visitors are present or in areas/buildings where there are frequent interactions or physical distancing can't be easily maintained. Classes will be scheduled in enclosed buildings with interior entrances first (L, N, R, S, T, V)

to provide better access control and to ensure students and employees arriving on campus for class can proceed through a health screening station. As the campus expands and opens more, the College may consider establishing central health screening stations for exterior access buildings (A, B, C, D, and E), which would alleviate the need for health screening stations at all the offices/classes that have exterior entrances in those buildings.

For self-contained buildings with interior rooms (i.e. G, K, L, N, Q, R, S, T, U and V) health screening stations will be established at every entrance deemed “open” by the site supervisor. It is recommended that entrances be limited to as few as possible for each building. Building entrances and health screening stations should be laid out in each individual building supplemental plan.

Where health screening stations are established, each station will be staffed during regular hours of operation (listed in the building supplemental plan) by health screening station personnel with a mask. Face shields and gloves are optional. Health screening stations will have a plexiglass screen to separate the screening personnel from the individual(s) being screened. The station will have a copy of this plan and the building specific plan. In addition, health screening stations will all have cleaning supplies, hand sanitizer, a touch-free thermometer and extra masks. Health screening station personnel will verify that everyone entering the building has completed an online health assessment and take their temperature prior to entering. Individuals whose temperature is above 100.4 degrees will be asked to leave campus immediately.

Procedures for Sick Employees or Students

If an employee or student becomes ill with any of the symptoms listed above while on campus or at home, they should take the following steps:

- Report it using the [COVID-19 Report Form](#) located at [Report Concerns](#). The identity of the reporting person will be kept confidential.
- Contact their supervisor (employees) or instructor (students).
- Go home and isolate.
- Get tested or contact a health care provider and follow instructions.

If an employee/student is confirmed to have a COVID-19 infection, BC will initiate the Protocols for a Suspected COVID-19 Case on Campus (Appendix I). BC will inform relevant employees/students of their possible exposure to COVID-19 in the workplace while maintaining confidentiality as required by the Americans with Disabilities Act (ADA). BC will instruct potentially exposed employees how to proceed based on the CDC Public Health Recommendations for Community-Related Exposure. The College will also follow Clery Act Guidelines and local policies/procedures when determining whether an all-campus notification is required.

Student Housing

BC has a separate [prevention and mitigation plan for student housing](#). It includes information on all the steps Housing is taking to limit the spread of the virus while still providing housing for the students who live on campus.

Campus Response

Develop response protocols for students, employees, and visitors reporting symptoms and/or are confirmed to have COVID-19.

Provide contact information to all students/employees to report concerns and/or potential violations of the Safe Back to School Plan.

College Response to a Report of Suspected COVID-19 Case on Campus

BC may receive notice of a suspected case of COVID-19 through several channels including, but not limited to:

- a direct communication from a BC community member to a supervisor or instructor;
- an online health screening;
- an email to COVIDreporting@bellevuecollege.edu;
- a [COVID-19 Report Form](#); or
- a communication from a department of public health.

In the event BC receives a report, the College will implement the BC Protocols for a Suspected COVID-19 Case on Campus (Appendix I). Upon receipt of a report, a BC COVID-19 intake designee will contact the student or employee to:

- Review the report.
- Confirm any locations visited on campus.
- Confirm possible contacts on campus starting two days before symptoms began and through the day they were last on campus.
- Confirm testing status.
- Direct the student or employee to stay home and isolate and contact a health care provider.

In the event of known COVID-19 cases or suspected exposure on campus, BC will take the following steps in conjunction with Public Health – Seattle and King County (PHSKC) or another appropriate agency.

- Convene a COVID-19 Incident Response Team (CIRT) as described in the BC Protocols for a Possible COVID-19 Case (Appendix I).
- Report the case or exposure to PHSKC.
- Coordinate cleaning/closure response as directed by PHSKC.
- Provide PHSKC or contact tracing agency with relevant information collected via the online health assessment or covidreporting@bellevuecollege.edu (as requested).
- PHSKC or another agency will perform contact tracing. If an agency is not available to perform contact tracing, the college/campus will contact individuals at risk as identified through the online health assessment.
- The identity of sick or exposed individuals will not be publicly disclosed. It remains confidential to BC employees charged with leading the response and the PHSKC.

Employee Assistance

BC Human Resources (HR) provides resources for employees. Employees should work with HR to:

- Discuss leave options.
- Discuss guidance and protections for high-risk employees.

Employees may need to provide medical documentation to HR upon request.

Campus Infrastructure

Drinking Fountains

Drinking fountains will be turned off to eliminate the possibility of spreading the virus through surface contact. Signs will be posted near drinking fountains to alert individuals that the fountain is shut off. Touchless water bottle filling stations will not be shut off. However, drinking fountains that use the same piping as the touchless water bottle filling stations will be covered and signs will be posted nearby to notify individuals that the water bottle station is active, but the drinking fountain shouldn't be used. Touchless water bottle filling stations can be found at the following locations:

- S building (3 stations with one on each floor)
- T building (3 stations with one on each floor)
- H building (1 station)
- G building (2 stations)
- C building (2 stations)
- A building (1 station)
- N building (1 station)
- U building (4 stations)
- B building (2 stations)

Images of the hand-free water bottle refilling stations can be seen below.



Air Handling Systems

While the science on air handling systems and COVID-19 is not yet proven, the College will take measures to potentially reduce the risk of spreading the virus.

Air handling systems will be maintained and adjusted on a regular basis to limit the potential spread of COVID-19. The College will install upgraded MERV 13 filters in buildings that are in use on a daily basis, starting with the following buildings:

- T Building
- K Building
- Finance in N Building
- A110 IT area
- Public Safety offices in D Building
- Payroll areas in A Building
- North Campus V Building

As more buildings are brought online over time, they will also be equipped with the upgraded MERV 13 filters. Additionally, in buildings that use less than 100% outside air for heating and cooling, the College will increase the outside air percentage to provide additional dilution to the air within the building.

Records Retention

Any records associated with this plan will be maintained in accordance with state and SBCTC records retention guidelines. Data from online Health Assessments will be maintained for sixty days from the date of submission. After sixty days, the records will be destroyed unless otherwise required by law.

Appendices

Appendix A: Sample Supplemental Building Plan

BC T Building Usage Plan

WA State Higher Ed Reopening: Instruction during COVID-19

Health Sciences Simulation/Skills Labs

Revised on DATE

The following document outlines processes for social distancing and safety in on-campus laboratory and simulation courses at Bellevue College. Processes are based on health and safety requirements in Proclamation 20-12.1¹.

Safety and Social Distancing Classification

Before any laboratory activity (e.g., instruction, practice, simulation, assessment, competency) can occur with students on campus, programs must organize each activity according to the following classification ("class") scheme and prepare to perform activities using social distancing where possible and with appropriate PPE and other safety measures outlined here and in accordance with standards for the individual profession or field.

Class	Description of Activity
I	Activities that students may practice at home (e.g., stethoscope competency, basic vital signs, surgical gowning/gloving). Encourage students to practice these skills at home, where possible, to avoid close contact on campus.
II	Activities that are possible with social distancing and no modification.
III	Activities that are possible with social distancing and modification (e.g., performance on manikins and/or other training devices as opposed to individuals).
IV	Activities that are not possible with social distancing (i.e., contact closer than six (6) feet must occur).

Note: Please consider the feasibility of modification (e.g., space, equipment, supplies, faculty, and timeframe) in view of accreditation standards and advisory committee member recommendations as needed.

On-Campus Simulation/Skills Lab Process

The T building entry point is the SE entrance accessed by ramp from parking lots 6 (employee) and 8 (student).

Lab Check-in Process

Students and employees should complete an online [Health Screening Questionnaire](#) the morning of the day they are scheduled to come to campus for lab. **Students and employees who have symptoms of**

¹ [Governor's Proclamation 20-12.1](#)

illness should stay home and not come to campus. Students and employees should plan to arrive 30 minutes prior to scheduled class time to have their temperature taken² and screen into the building. Signage will indicate six (6) -foot distance for students to wait for health screening. One student at a time will be screened.

Lab Workflow Process

Labs should have designated Pre-entry, Entry, Main Lab, Debriefing, and Exit Areas.

Pre-entry Area:

- An area is set aside for health screening and temperature scanning. The T Building entry point is at the SE entrance accessed by ramp from parking lots 6 (employee) and 8 and 10 (student).
- Employees doing health screening should use appropriate PPE (e.g., eye protection, face covering) and contact precautions.
- Disposable face coverings will be provided upon entering the Pre-entry Area. Surgical masks are required for activities that take place closer than six (6) feet apart. KN-95 masks are required for activities that involve potential exposure to body fluids, e.g., phlebotomy. Students/faculty/staff members may choose to wear a personal mask to campus if they wish.³
- Each student and employee will verbally respond to the health screening questions (Did you complete a health assessment form? Yes/No), followed by a temperature scan. Touchless thermometers will be used.

Entry Area:

- An area near the entrance to the lab should be designated for hand washing and donning of additional PPE as necessary. Additional PPE will vary depending on lab activities for the day.
 - The large restrooms are the designated hand washing locations for each floor: T115 and T116 on first floor; T210 and T211 on second floor; T310 and T311 on third floor.
 - Public safety note: first floor restrooms will be kept locked unless classes are taking place on first floor, which will be occasional and communicated at least 24 hours in advance.
- A minimum 20-second hand wash using DOH/CDC guidelines⁴ should be completed.

² [DOH Guidance to Protect Workers](#)

³ [Guidance on Cloth Face Coverings](#) from the Washington State Department of Health

Labor & Industries guidance for employee masks [“Which Mask for Which Task?”](#)

⁴ [Fight Germs. Wash Your Hands Demonstration](#) [Handwashing PSA \(CDC\)](#)

- All appropriate attire and PPE should be donned prior to entering the lab. PPE requirements are based on DOH/OSHA guidelines for medium exposure risk.⁵
 - Gloves: required for some labs, dispensed as needed.
 - Eye protection: required for some labs, dispensed as needed.
 - Isolation gowns: specific skills where these are commonly used students/faculty/staff members.

Main Lab Area:

- The main lab area should be designated for lab-related activities only and include the following features.
 - Individual student designated areas outlined with industrial floor tape⁶ that always provides a minimum of six (6) feet between students.
 - Designated areas for students to sit, stand, or otherwise wait for their turn.
 - Curtains/dividers between areas when possible.
 - Increased air movement through ventilation system and/or placement of fans as recommended by the DOH⁷.
 - Instruments, equipment, and/or supplies required for lab activities organized in individual student areas without the need for students to leave the main lab area and/or access supply closets or cabinets.
- Class I-III lab activities (see above) will be done using social distancing and with related modification as necessary.
- Class IV lab activities (see above) will be done only when there is no other way for the student to gain or demonstrate competency in a skill, e.g., live blood draw, echocardiographic image acquisition.

Debriefing Area:

- Individual student-designated areas in lab will be used for debriefing when possible.
- If the lab space does not facilitate debriefing with social distancing, an alternative classroom where students can be six (6) feet apart may be used.

⁵ The DOH recommends [OSHA 3990-03-2020 Guidance on Preparing Workplaces for COVID-19](#) for information on the type of PPE that should be provided.

⁶ Blue painters' tape or gaffers' tape could be used for temporary identification of individual student lab areas or on floors that do not tolerate industrial adhesive. Possible issues may include the need for continuous checking for trip hazards and difficulty cleaning. The use of industrial floor marking tape provides a safe area that can be cleaned appropriately. Other ways to separate areas may also be considered.

⁷ [DOH Guidance to Protect Workers](#)

Exit Area:

- An area should be designated for students to remove disposable PPE and wash their hands. Face coverings should be left on until students are no longer in any public space.
- An open garbage container should be provided for disposable PPE and disposable supplies used during the lab activity.

Additional Information

The following additional information may be applicable to skills/simulation labs.

Lockers:

- Students are encouraged not to bring items with them that cannot be kept on their person during lab. If needed lockers are available for storage of items prior to entering the main lab area. Items can be removed after completing/exiting the lab. BC faculty and staff are not responsible for items left in lockers or other areas.

Restroom Use:

- Students may leave lab to use the restroom. Masks and eye protection, if currently worn, should be retained.
- Upon returning to lab, students will enter through the designated area. Additional PPE, such as gloves if required by the work being done, will be re-donned.

Break/Lunchroom Use:

- Lab/simulation activities will be scheduled as needed to accommodate program and course learning outcomes. Schedules may not allow time for breaks or lunches.
- As needed or permitted, breaks should be taken following the procedures for entry and exit from the Main Lab Area.
- No student break or lunch area inside the lab will be provided. Students are encouraged to take breaks in private areas such as a car, or socially distanced in the large lounge areas.

Rescheduled Lab Days:

- Specific dates and times for rescheduled labs will be established by each program and communicated to students via Canvas.
- Students must complete rescheduled labs per course, program, and/or college policies.
- An incomplete or failing grade may be issued to students who do not complete rescheduled labs per course, program, and/or college policies.

Standard Cleaning/Safety Preparation⁸:

The following applies to daily use of spaces. This does not apply if COVID-19 precautions needed; separate protocols would be used.

Custodial staff will clean and disinfect high touch areas regularly.

End-users (typically students) will regularly clean their work areas.

⁸ [Cleaning and Disinfecting Your Facility](#)

- Individual designated student areas and related equipment.
- Manikin, simulator, or other training device.
- Reusable supplies (will be handled with gloves and placed in a designated cleaning area to be appropriately disinfected).
- Debriefing Area tables, chairs, and other touched areas/items/furniture.

Appendix B: Comprehensive Communication

The College will communicate on a regular basis with faculty, staff and students to provide updates and pertinent information. A variety of communication methods will be used to reinforce compliance with state and county guidelines, as well as this and other local college plans. Visible signage will be posted at entry points on campus. The College will use campus-wide email, BC FYI, Bulldogs FYI, the [COVID-19 website page](#), and social media to communicate guidance with students, faculty, staff, and visitors. Guidance may include shared on-campus responsibilities, proper hygiene and sanitization, physical distancing and PPE guidance, staying home if feeling sick, information on how and when to report concerns, and other information as appropriate or required. Messaging will be adapted to suit each platform (e.g., detailed information available on the website, short prompts on social media with a link for more info.).

Pertinent communication topics may include but are not limited to:

- Details on the Safe Back to School Plan
- Preparing to be on campus
- What to Know for Anyone Coming to Campus
- How Students Can Prepare
- How Visitors Can Prepare
- On campus, now what?

Appendix C: Alternative Arrangements

Identify available alternative arrangements for students and employees upon requests or refusals to work due to concerns related to campus safety. Priority should be given for students/employees who are considered high-risk or vulnerable as defined by public health officials; following state guidelines (to include Safe Start guidance) for COVID-19 scenarios and benefits."

[Employees needing a reasonable accommodation for any COVID-19 related purpose should contact Human Resources.](#)

[Students needing a reasonable accommodation for any COVID-19 related purpose should contact the Disability Resource Center.](#)

Appendix D: COVID-19 Responsibilities

Campus COVID-19 Supervisor

BC's Vice President for Administrative Services will serve as the college's designated campus COVID-19 supervisor and is responsible for monitoring and updating the Safe Back to School Plan. The Executive Director of Campus Operations will serve as back up.

Plan Supervisors

The Provost, Associate Vice President for Academic Affairs, Associate Vice President for Student Affairs, Vice President for Human Resources, Vice President for Economic and Workforce Development, and Vice President for Equity and Inclusion will serve as plan supervisors. Their role is to regularly review this plan and work with their staff to execute this plan.

Site Supervisors

Each building on campus will have a designated site supervisor. The site supervisor is responsible for working with the campus COVID-19 supervisor, the Flu Team and Public Safety to draft a building specific supplemental plan that complies with this plan and enacts measures to mitigate the spread of COVID-19. Site supervisors are also responsible for overseeing the setup of classrooms, signage and floor markings in their building. Some buildings may require more than one site supervisor.

Employee Supervisors

Supervisors will ensure direct reports receive the provided COVID-19 safety training, follow COVID-19 safety measures, and ensure employees routinely clean their workspace and shared equipment after each use. They will also be responsible for approving employee's requests to come to campus and validating their employees completed the online health assessment every day they are on campus. Supervisors may be scheduled as health screening station personnel at health screening stations.

Health Screening Station Personnel

Site supervisors, department supervisors, employee supervisors and area staff may rotate as health screening station personnel. They are responsible for checking in students and employees as they arrive on campus for class or work, when required.

Department Representative

Person responsible within each department for ordering and storing PPE supplies and cleaning kits for the department.

Appendix E: Health Assessment Information

BC will use an [online health assessment form](#) to collect health assessments to provide information to custodial for disinfecting the campus and conduct contact tracing in the event of a confirmed case of COVID-19 on campus.

What information does the online health assessment collect?

The online assessment captures information such as the date, approximate times, and specific location (buildings and rooms) of your visit. This will be provided to Public Safety and the custodial team so they can secure and disinfect our buildings each day (note: Public Safety and custodial teams will not be provided the individual's name or any health information, only the date and location visited).

The online health assessment contains a list of potential COVID-19 symptoms. Upon finishing the assessment and clicking the "Submit" button, you will receive instructions on what to do, based upon the answers provided and how those answers intersect with guidance from state and local health authorities.

How does the online health assessment work?

The assessment requires a campus log-in so only employees and students can access it. Health response data will be kept confidential. Employee responses will be stored in a secure database accessible only by Human Resources staff. Supervisors will be able to see if an employee completed a daily online health assessment, but supervisors will not be able to see answers to the specific health questions. Student responses will be stored in a secure database accessible only by the Associate Vice President for Student Affairs and a Co-Chair of the CARE Team. Instructors will be able to see if a student completed a daily on-line health assessment, but instructors will not be able to see answers to the specific health questions.

How will the data be used?

The data will be housed securely in a BC server. It will be used by a small group of people to initiate contact tracing should an employee or student test positive for COVID-19. Additionally, it will provide information to Campus Safety so they can ensure buildings are secured each night and to custodial, so they know which areas to disinfect every day.

Appendix F: Pertinent COVID-19 Guidelines

**Avoid non-essential travel by College employees and self-quarantine per local public health and worker safety guidelines after any high-risk travel as defined by the CDC (e.g., international travel)
Follow state reopening guidelines for travel.**

Travel

Originally announced in the acting President's e-mail dated March 24, 2020, all travel for college-related business is cancelled until further notice. Employees having a critical need to travel for official college business must receive approval from their respective AVP/VP prior to traveling (an email with an approval statement from the AVP/VP should be attached to the travel requisition).

Face Masks

The state mandated that [Washington employers must ensure employees wear face masks while on the job.](#)

Everyone on campus is required to wear a mask from the moment they step on campus until they leave. The only exception is [when working alone](#) or through an approved reasonable accommodation with HR. The state defines "working alone" as: "Someone is considered to be working alone when they're isolated from interaction with other people and have little or no expectation of in-person interruption. How often a worker is able to work alone throughout the day may vary." Examples of "working alone" can be found on the [state page that explains mask requirements.](#)

Appendix G: State Documents for Higher Education

Proclamation 20-12.1

- [Campus Safety](#)
- [Student and Employees, Visitor Expectations, and Food Services](#)

Campus Re-Opening Guide

- [Baseline recommendations for higher education institutions reopening plans](#)
- [Additional considerations: Campus safety](#)
- [Additional considerations: Campus support](#)

Appendix H: Additional Requirements for Food Service

Follow Washington State reopening guidelines for restaurants.

Enforce capacity limits (e.g., enforced at point of entry with clickers).

Restrict cash payments; allow payments only by card or contactless.

Require all patrons to wear cloth face coverings except while eating.

Appendix I: Bellevue College Protocols for a Suspected COVID-19 Case on Campus

Bellevue College may receive notice of a possible case of COVID-19 through several channels, including but not limited to:

- A direct communication from a BC community member to a supervisor or instructor;
- An online health screening;
- An email to COVIDreporting@bellevuecollege.edu;
- A COVID-19 Report Form; and/or
- A communication from the department of Public Health.

Public Health Notices

If an individual is contacted by a local public health department, the following steps should be taken.

- Collect information, including, but not limited to:
 - Name of Public Health person and contact information for any Public Health follow-up.
 - Dates the person was last physically on campus, on-campus locations, and any other information Public Health will share.
- Immediately forward the collected information:
 - Send notice of positive case to COVIDreporting@bellevuecollege.edu. Include the following information:
 - Date(s) last on campus, location(s) on campus, known office(s) visited.
 - **Do NOT include the individual's name in this email.**
 - Email the name of the tested individual (if given, don't ask) and any Public Health contact information as follows:
 - If employee: Employee COVID-19 Intake Designees and Campus COVID-19 Supervisor (Gretchen Bird, Suzette Yaezenko, and Dennis Curran).
 - If student: Student COVID-19 Intake Designees and Campus COVID-19 Supervisor (Megan Kaptik, Brenda Ivelisse, and Dennis Curran).

The appropriate COVID-19 Intake Designee shall contact the tested individual to confirm information received from Public Health and complete the COVID-19 Intake Process.

Online Health Assessment

The College requires BC students and employees to complete an online health assessment questionnaire every day they come to campus, preferably prior to their arrival on campus. Based on questionnaire response, the following notices occur:

- Individual answers "no" to all health questions:
 - Individual may proceed to campus if a person answered no to all questions (no symptoms, exposure or positive test).
 - A face covering is required.
 - Six (6) ft. social distancing is required.
- Individual answers "yes" to a temperature above 100.4°F, direct contact with someone who tested positive, or a positive test in the last 14 days:

- Individual directed to stay away from campus and contact their supervisor (employee) or instructor (student).
- The online health assessment application emails a notice to the Employee COVID-19 Intake Designees (Gretchen Bird, Suzette Yaezenko) or the Student COVID-19 Intake Designees (Megan Kaptik, Brenda Ivelisse).
- If an employee has a medical condition that would cause a higher temperature, they will need to contact HR at benefits@bellevuecollege.edu to request a reasonable accommodation.
- If a student has a medical condition that would cause a higher temperature, they will need to contact the DRC for a reasonable accommodation.
- Individual answers “yes” to any symptom(s) that can’t be attributed to another condition:
 - Individual directed to stay away from campus, contact their supervisor (employee) or instructor (student), and seek guidance from appropriate medical authorities.
 - The online health assessment application emails a notice to the Employee COVID-19 Intake Designees (Gretchen Bird, Suzette Yaezenko) or the Student COVID-19 Intake Designees (Megan Kaptik, Brenda Ivelisse).
 - If an employee has a medical condition that would cause the other symptoms, they will need to contact HR at benefits@bellevuecollege.edu to request a reasonable accommodation.
 - If a student has a medical condition that would cause a higher temperature, they will need to contact the DRC for a reasonable accommodation.

Upon receipt of the notice, a COVID-19 Intake Designee contacts the tested individual to complete the COVID-19 Intake Process.

Role of Instructor

If a student contacts their instructor about a concerning online health assessment, COVID-19 symptoms, positive test, or a COVID-19 positive household member, the instructor should:

- Direct the student to stay home until they are cleared to return by their doctor.
- Ask the student to complete a [COVID-19 Report Form located at www.bellevuecollege.edu/reportconcerns](http://www.bellevuecollege.edu/reportconcerns).
 - If student is unable to complete the [COVID-19 Report Form](#) on their own, complete form with the student.
 - This form routes to the CARE Team via Maxient for further action.

Information disclosed to the instructor about COVID-19 is private and should not be shared with anyone except the Student COVID-19 Intake Designee, assigned CARE Team member, and members of the COVID-19 Incident Response Team (CIRT). CIRT will be responsible for notifying department chair, dean, and others as needed.

Role of Supervisor

Supervisors are responsible for validating that their employees completed the online health assessment every day they come to campus.

If an employee contacts their supervisor about a concerning online health assessment, COVID-19 symptoms, positive test, or a COVID-19 positive household member, the supervisor should:

- Direct the employee to stay home until they are cleared to return by their medical professional and HR.
- Direct the employee to contact the HR COVID-19 Contacts (Gretchen Bird or Suzette Yaezenko).
- Ask the employee to complete a [COVID-19 Report Form located at www.bellevuecollege.edu/reportconcerns](http://www.bellevuecollege.edu/reportconcerns). This form routes to Human Resources.

If employee is unable to complete the COVID-19 Report Form on their own, refer them to HR to assist the employee in completing the form. Information disclosed to a supervisor about COVID-19 is private and should not be shared with anyone except the Employee COVID-19 Intake Designee, HR, and members of the COVID-19 Incident Response Team (CIRT). CIRT will be responsible for notifying departments, deans, and others as needed. If an employee's confidential information is shared, disciplinary actions may be taken against the supervisor.

COVID-19 Intake Process

Students

After receiving notice from the student, instructor, online health assessment, or other source manner that they have been exposed to COVID19 and/or symptoms of COVID19, a Student COVID-19 Intake Designee will contact the student to:

- Review the answers of the online health assessment. Confirm answers are correct and not answered in error.
 - If a question was answered incorrectly, document the correct answer in the student Maxient record. If all other questions are answered correctly and in the negative:
 - Direct student to complete a new online health assessment for the day.
 - Notify the student, instructor, site supervisor, and the appropriate health screening location that the student may continue to campus and report to class or a campus office.
 - If the form is correct, ask the student when they were last on campus.
 - If the student has **not** been on campus for the last 14 days, provide resources and support per CARE processes. Stop process here.
 - If the student has been on campus in the last 14 days, continue.
- Check to see if the instructor or student completed a [COVID-19 Report Form](#).
 - If yes, review form answers with the student.
 - If a student or instructor has not already submitted the form, ask the questions on the [COVID-19 Report Form](#) online and submit.
- Confirm locations visited on campus and possible contacts starting two days before symptoms began and through the day they were last on campus.
- Confirm testing status.
 - If the student has not been tested but has symptoms, refer person to their medical professional. Provide link to testing resources. Direct them to stay home until they are cleared by a medical professional.
 - If a student or their immediate household member is **awaiting test results:**
 - Direct the student to stay home and follow the CDC guidelines/advice of their medical professional.
 - Request the student contact the Student COVID-19 Intake Designee after receiving the results.

- Send notice of possible campus exposure to COVIDreporting@bellevuecollege.edu that includes the date(s) the employee was last on campus, locations visited on campus, and any known offices visited.
- Do NOT include the individual's name in this email.
- (1) If there is **positive test result** for the person or their immediate household member in the last 14 days:
 - Direct the student to stay home and follow the CDC guidelines/advice of their medical professional.
 - Send notice of a positive case to COVIDreporting@bellevuecollege.edu that includes the date(s) the student was last on campus, locations visited on campus, and any known offices visited.
- Do NOT include the individual's name in this email.

Employees

After receiving notice from the employee, supervisor, online health assessment, or other manner that they have been exposed to COVID19 and/or symptoms of COVID19, an Employee COVID-19 Intake Designee will contact the employee to:

- Review the answers of the online health assessment. Confirm the answers are correct and not answered in error.
 - If a question was answered incorrectly, document correct answer in HR assessment record. If all other questions are answered correctly and in the negative:
 - Direct employee to complete new online health assessment for the day.
 - Notify the employee, employee supervisor, site supervisor, and the appropriate health screening location that the employee may continue to report to campus for work.
 - If the form is correct, ask the employee when they were last on campus.
 - If the individual has **not** been on campus for the last 14 days, provide resources and support per HR processes. Stop process here.
 - If the individual has been on campus in the last 14 days, continue.
- Ask the employee if they have completed a [COVID-19 Report Form](#).
 - If yes, review [COVID-19 Report Form](#) answers with the employee.
 - If employee has not already submitted a form, ask the employee to complete the questions on the [COVID-19 Report Form](#) and submit.
- Confirm locations visited on campus and possible contacts starting two days before symptoms began and through the day they were last on campus.
- Confirm testing status.
 - If the individual has not been tested but has symptoms, refer the person to their medical professional. Provide a link to testing resources. Direct them to stay home and follow the CDC guidelines/advice of their medical professional.
 - If a person or their immediate household member is **awaiting test results:**
 - Direct the employee to stay home and follow the CDC guidelines/advice of their medical professional.
 - Request the person contact the Employee COVID-19 Intake Designee after receiving the results.

- COVID-19 Intake Designee send notice of possible campus exposure to COVIDreporting@bellevuecollege.edu that includes the date(s) the employee was last on campus, location(s) visited on campus, and any known office(s) visited.
(1) Do NOT include the individual's name in this email.
- If there is **positive test result** for the person or their immediate household member in the last 14 days:
 - Direct the employee to stay home and follow the public health guidelines and advice of their medical professional.
 - Send notice of a positive case to COVIDreporting@bellevuecollege.edu that includes the date(s) the employee was last on campus, location(s) visited on campus, and any known office(s) visited.
(1) Do NOT include the individual's name in this email,

Relevant Resources

- [COVID-19 Report Form](https://www.bellevuecollege.edu/reportconcerns) at www.bellevuecollege.edu/reportconcerns
- Public Health – Seattle and King County: [COVID-19 Testing](#)
- Public Health – Seattle and King County: [When Can I be Around Others](#)
- Washington State Department of Health: [What to do if you have confirmed or suspected COVID-19](#)
- Washington State Department of Health: [What to do if you were potentially exposed to someone with COVID-19](#)
- Washington State Department of Health: [What to do if you have COVID-19 symptoms but have not been around anyone diagnosed with COVID-19](#)

COVID-19 Incident Response Team (CIRT)

A COVID-19 Incident Response Team (CIRT) may be convened to respond to a possible COVID-19 on-campus expose.

CIRT Membership

The CIRT membership includes:

- Campus COVID-19 Supervisor (Vice President for Administration)
- Associate Vice President for Student Affairs
- Associate Vice President for Academic Affairs
- Vice President for Human Resources (HR)
- Representatives from Public Safety, CARE Team, Operations, and/ Marketing & Communication
- Representatives of affected cohorts specific to situation, e.g., Site Supervisor, Academic Dean, Student Affairs Dean, Director of Housing, Director of Athletics

The Campus COVID-19 Supervisor shall facilitate CIRT Meetings. Members of the CIRT shall complete confidentiality agreements. Members of the CIRT may be added and/or removed at any time.

Convening CIRT

The team will normally be convened as soon as possible upon confirming:

- A person tested positive and was on campus within the last 14 days:
- A person awaiting COVID-19 test results was on campus within the last 14 days; OR

- A person was on campus in the last 14 days after having close person contact with a person who has tested positive for COVID-19.

CIRT Actions

- The CIRT convenes as soon as possible to review the reported case and determine next steps.
- The Campus COVID-19 Supervisor notifies the College President and Provost. In the absence of the COVID-19 Supervisor, the CIRT will designate a CIRT member to serve in this role.
- The CIRT determines what campus notices will be sent to campus based on the information available at that time.
- The CIRT designates contact tracers from CARE and HR, as appropriate.
- CIRT identifies other subject matter experts that may need to participate (e.g., housing, ELC, athletics).
- Representatives on CIRT ensure the appropriate response steps are taken by each department as outlined in this document, including:
 - Report the case or exposure to Public Health – Seattle and King County (PHSKC)
 - Coordinate cleaning/closure response as directed by PHSKC.
 - Provide PHSKC or contact tracing agency with relevant information collected via apps or covidreporting@BCbellevuecollege.edu (as requested).

Public Safety

- The Director Public Safety or VP of Administration shall notify Public Safety officers to close the affected campus building(s), classroom(s), and/or office(s) if a tested individual has been on campus in the last 14 days.
 - This does not include the BC Residence Hall; in the event of a positive case in the Residence Hall, Housing staff initiate their Housing protocols.
 - Do not open windows or prop open doors.
- The Public Safety representative updates the CIRT when the location(s) is closed.
- The Director of Public Safety will consider the positive case for Clery Reporting.\
- The name of the individual will not be shared.

Operations

- Upon receiving notice of a confirmed positive case, Operations begins the process to deep clean the affected buildings, classrooms, vehicles, and/or offices. The buildings, classrooms, vehicles, and/or offices will remain closed until deep cleaning has occurred.
- The Operations representative updates the CIRT when the cleaning is complete.
- The name of the individual will not be shared.

Contact Tracing Information

- The CARE Team or HR contacts Public Health – Seattle and King County (PHSKC) if an individual with a confirmed positive test has been on campus within the last 14 days.
- The CARE Team and HR meet to develop list of individuals who may have come in contact with the person tested or awaiting test results.
 - Class schedules, work schedules, building access information, health screening data, and other relevant and available information may be pulled for the purpose of contact tracing.

- Information requested by PHSKC or Washington State Department of Health for contact tracing purposes may be provided consistent with [Proclamation 20-64](#).
- If an employee/student is confirmed to have a COVID-19 infection, the College will inform relevant employees/students of their possible exposure to COVID-19 in the workplace while maintaining confidentiality as required by the Americans with Disabilities Act (ADA).
- PHSKC or another agency will perform contact tracing. If an agency is not available to perform contact tracing, the college/campus will contact individuals at risk as identified through the health screening assessment and COVID-19 Report Form.
 - After consultation with the CIRT, the designated contact tracers may notify individuals who may have been exposed (less than six (6) feet for more than 15 minutes) by phone.
 - BC will instruct employees and student how to proceed based on the [CDC Public Health Recommendations for Community-Related Exposure](#).
 - Contact tracer directs individual to contact their medical professional and provides resources including, but not limited to, testing locations, CDC guidelines, and state guidelines.
 - If a contact tracer cannot reach an individual by phone on the day a report is received, the contact tracer emails them requesting to speak.
 - A follow-up email will be sent to the individual who may have been exposed documenting call and providing resources.

[Campus Notifications](#)

- In coordination with CIRT, the Campus COVID-19 Supervisor will send email notifying the campus of the building closure(s) and information regarding possible COVID-19 case or exposure.
- Marketing & Communications may support drafting campus messaging as appropriate.
 - The College will follow Clery Act Guidelines and local policies/procedures when determining whether an all-campus notification is required.
 - The identities of ill or exposed individuals will not be publicly disclosed. It remains confidential to BC employees charged with leading the response and the PHSKC.
 - Per Proclamation 20-64, no personally identifiable information gathered for contact tracing purposes is released.
- Marketing & Communications fields any media inquiries.

[Housing](#)

- If the tested individual or a close contact live or work in the Residence Hall, a member of CIRT notifies the Director of Housing.
- The Director of Housing initiates housing isolations/quarantine protocols.
- Notices may be sent to the residents as deemed appropriate by the CIRT and the Director of Housing.

Appendix J: Cleaning and Disinfecting Products

Cleaning and disinfecting product used by employees includes:

- ECOLAB Peroxide Multi Surface Cleaner and Disinfectant (see ECOLAB Product Specification Document)

Cleaning and disinfecting products used by custodial staff includes:

- Buckeye Eco Hydrogen Peroxide Cleaner (see Safety Data Sheet and features/directions sheet)
- Buckeye Eco Neutral Disinfectant (see Safety Data Sheet and features/directions sheet)

Peroxide Multi Surface Cleaner and Disinfectant

CLASSIFICATION

Multi-surface disinfectant, glass and surface cleaner. For Hospital, Healthcare, Commercial, Institutional, Industrial Use

PRODUCT DESCRIPTION

Broad Spectrum Disinfectant – Multi-Surface Cleaner – Degreaser – Deodorizes – Cuts through tough stains while leaving a streak-free shine

- Disinfects and deodorizes by killing common germs and controlling their odors
- Antibacterial, Germicidal, and Fungicidal
- Cleans to a streak-free shine glass, windows, mirrors, faucets, counter-tops, stainless steel and shiny surfaces with no dulling residue and no filming
- Cleans tough messes, removes food stains, removes bathroom dirt and stains and is tough on soap scum and grease
- Deodorizes and has a clean, fresh scent

USE

This product is recommended for cleaning and disinfecting of washable hard, non-porous environmental surfaces including:

- Non-food contact counter tops, sinks, exterior surfaces of refrigerators, coolers, freezers, stovetops, appliances, non-food contact equipment, shelves, racks and carts
- Telephones and computer keyboards
- Tables, chairs, desks, bedframes, walls, cabinets, doorknobs, and garbage cans
- Highchairs
- Shower stalls, tubs, tiles, shower doors, shower curtains, shower fixtures, restroom fixtures, exterior surfaces of toilets, urinals, restroom floors
- Windows and mirrors
- Fiberglass sinks, tubs and showers
- Floors (tile, finished)
- Vinyl, painted surfaces, plastic surfaces, glass, glazed tile, linoleum, plastic (such as polyethylene, polypropylene, polyvinylchloride), glazed porcelain, stainless steel and glass

This product is recommended for use as a non-food contact sanitizer.

This product is not to be used as a terminal sterilant / high level disinfectant on any surface or instrument that (1) 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 pre-clean or decontaminate critical or semi-critical devices prior to sterilization or high-level disinfection.

This product is a hospital-use disinfectant, multi-surface cleaner and odor counteractant designed for daily general cleaning and disinfecting of hard, non-porous environmental surfaces.

Areas of Use: School and colleges, veterinary clinics and animal life science laboratories, animal care and farm premise locations, industrial facilities, dietary areas, beverage and food processing plants, restaurants, hotels, motels, office buildings, recreational facilities, medical facilities, hospitals, kitchens, nursing homes, assisted living facilities, medical and dental offices, retail and wholesale establishments, cruise ships, casinos, correctional facilities, athletic facilities, health clubs.

DIRECTIONS FOR USE

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

For use as a Multi-Surface Cleaner: Dilute at 0.5 - 6 fl. oz./gal. Apply with a cloth, mop, sponge, coarse trigger spray, or by immersion. Rinsing is not necessary on non-food contact surfaces. Do not use this product to clean glassware, dishes, or silverware. Rinse food contact surfaces with a potable water rinse prior to reuse.

Non-Food Contact One-Step Cleaner / Sanitizer kills 99.9% in 3 minutes at 1:64 dilution (2 fl. oz./gal) in 400 ppm hard water modified in the presence of 5% fetal bovine serum against the following pathogenic bacteria.

Staphylococcus aureus (ATCC 6538)
Enterobacter aerogenes (ATCC 13048)

Non-Food Contact One Step Cleaner / Sanitizer kills 99.9% in 90 seconds at 1:32 dilution (4 fl. oz./gal) in 400 ppm hard water modified in the presence of 5% fetal bovine serum against the following pathogenic bacteria.

<i>Staphylococcus aureus</i> (ATCC 6538)	<i>Escherichia coli</i> (ATCC 11229)
<i>Enterobacter aerogenes</i> (ATCC 13048)	<i>Pseudomonas aeruginosa</i> (ATCC 15442)
<i>Salmonella enterica</i> (ATCC 10708)	<i>Enterococcus faecalis</i> (ATCC 29212)

Non-Food Contact One Step Cleaner / Sanitizer in 90 seconds at 1:21.3 dilution (6 fl. oz./gal) in 200 ppm hard water modified in the presence of 5% fetal bovine serum against the following pathogenic bacteria.

Listeria monocytogenes (ATCC 7644)

Non-Food Contact Sanitizer: Add 4 - 6 fl. oz./gal to sanitize hard, non-porous, non-food contact surfaces against:

<i>Staphylococcus aureus</i> (ATCC 6538)	<i>Escherichia coli</i> (ATCC 11229)
<i>Enterobacter aerogenes</i> (ATCC 13048)	<i>Pseudomonas aeruginosa</i> (ATCC 15442)
<i>Salmonella enterica</i> (ATCC 10708)	<i>Enterococcus faecalis</i> (ATCC 29212)

Add 6 fl. oz./gal in 200 ppm hard water to sanitize hard, non-porous, non-food contact surfaces against *Listeria monocytogenes* (ATCC 7644)

Pre-clean heavily soiled areas. Apply sanitizer use-solution with a cloth, mop, sponge, coarse sprayer or by immersion. Treated surfaces must remain wet for 90 seconds. Wipe dry with a sponge, mop, or cloth or allow to air dry.

For use as a Multi-Surface Cleaner / Disinfectant or Restroom Cleaner / Disinfectant: Dilute according to use directions. Pre-clean heavily soiled areas. Apply Use Solution by coarse trigger sprayer to hard, non-porous surfaces. Spray 6-8 inches from the surface; making sure to wet surfaces thoroughly. All surfaces must remain wet for the required time indicated in the directions for use. Wipe surfaces or allow to air dry. Rinsing is not necessary on non-food contact surfaces. Do not use this product to clean or disinfect glassware, dishes, or silverware. Rinse food contact surfaces with a potable water rinse prior to reuse.

BACTERICIDAL kills at 1:32 dilution (4 fl. oz./gal) in 400 ppm hard water against the following pathogenic bacteria modified in the presence of 5% blood serum.

In 5 minutes:

Pseudomonas aeruginosa (ATCC 15442)
Staphylococcus aureus (ATCC 6538)
Salmonella enterica (ATCC 10708)
Klebsiella pneumoniae (ATCC 4352)
Shigella flexneri (ATCC 9380)
Streptococcus pyogenes (ATCC 19615)
Shigella dysenteriae (ATCC 29026)
Listeria monocytogenes (ATCC 7644)
Bordetella pertussis (ATCC 12743)

Antibiotic-Resistant Bacteria:

Staphylococcus aureus (VISA) (ATCC 700788)
Staphylococcus aureus (CA-MRSA) (ATCC BAA-1683)
Staphylococcus aureus (MRSA) (ATCC 33592)
Klebsiella pneumoniae (Carbapenemase producer) (KPC) (ATCC BAA-1705)
Enterococcus faecalis (VRE) (ATCC 51299)

In 3 minutes:

Proteus mirabilis (ATCC 7002)

BACTERICIDAL kills at 1:21.3 dilution (6 fl. oz./gal) in 200 ppm hard water against the following pathogenic bacteria modified in the presence of 5% blood serum.

In 5 minutes:

Escherichia coli (O157:H7) (ATCC 43895)

Enterobacter aerogenes (ATCC 13048)

In 3 minutes:

Pseudomonas aeruginosa (ATCC 15442)

Staphylococcus aureus (ATCC 6538)

Salmonella enterica (ATCC 10708)

Klebsiella pneumoniae (ATCC 4352)

Serratia marcescens (ATCC 14756)

Bordetella bronchiseptica (ATCC 31437)

Antibiotic-Resistant Bacteria:

Staphylococcus aureus (CA-MRSA) (BAA-1683)

Staphylococcus aureus (MRSA) (ATCC 33592)

For use as a Virucide*: Dilute according to use directions. Pre-clean heavily soiled areas. Apply Use Solution by coarse trigger sprayer to hard, non-porous environmental surfaces. Spray 6-8 inches from the surface; making sure to wet surfaces thoroughly. All surfaces must remain wet for the required time indicated in the directions for use. Wipe surfaces or allow to air dry.

VIRUCIDAL* kills at 1:21.3 (6 fl. oz./gal) diluted in 200 ppm hard water against the following viruses modified in the presence of 5% blood serum.

In 45 seconds:

*Norovirus (Feline Calicivirus ATCC VR-782)

*Murine Norovirus (Strain S99)

In 1 minute:

*Influenza B Virus (ATCC VR-1535)

In 3 minutes:

*Influenza A Virus H1N1

*Rhinovirus Type 37 (ATCC VR-1147)

VIRUCIDAL* kills at 1:32 dilution (4 fl. oz./gal) against the following viruses modified in the presence of 5% blood serum.

In 1 minute diluted in 400 ppm hard water:

*HIV Type 1

In 2 minutes diluted in 400 ppm hard water:

*Norovirus (Feline Calicivirus ATCC VR-782)

*Murine Norovirus (Strain S99)

In 3 minutes diluted in 200 ppm hard water:

*Herpes Simplex Virus Type 1

In 5 minutes diluted in 400 ppm hard water:

*Adenovirus type 5 (ATCC VR-5)

*Influenza A Virus H1N1

*Rhinovirus Type 37 (ATCC VR-1147)

*Poliovirus (chat strain)

*Herpes Simplex Virus Type 2 (ATCC VR-734)

*Hepatitis B Virus

*Respiratory Syncytial Virus (ATCC VR-26)

*Vaccinia Virus (ATCC VR-119)

*Human Coronavirus (SARS) (ATCC VR-740)

*Rotavirus (Strain WA)

*Canine Parvovirus (ATCC VR-2017)

*Canine Distemper Virus (ATCC VR-128)

*Newcastle Disease Virus (ATCC VR-108)

*Herpes Simplex Virus Type 1 (ATCC VR-733)

*Influenza B Virus (ATCC VR-1535)

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 AND HBV ON SURFACES / OBJECTS SOILED WITH BLOOD / BODY FLUIDS:

Personal Protection: Clean-up must always be done wearing protective gloves, gowns, masks and eye protection.

Cleaning Procedure: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

Contact Time: Allow surface to remain wet for 1 minute to kill HIV-1, 5 minutes to kill HBV.

Disposal of Infectious Material: Blood, body fluids, cleaning materials and other clothing must be autoclaved and disposed of according to local regulations for infectious waste disposal.

FUNGICIDAL kills in 5 minutes at 1:32 dilution (4 fl. oz./gal) in 400 ppm hard water against the following fungi modified in the presence of 5% blood serum, per the following contact times.

Candida albicans (ATCC 10231)

VETERINARY OFFICES: Remove all animals and feeds from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Empty all feeding and watering appliances. Saturate surfaces with a use-solution 1:32 (4 fl. oz./gal) for a period of 5 minutes. Wipe or allow to air dry. Saturate all animal handling and restraining equipment as well as forks, shovels, and scrapers used to remove litter and manure. Rinse all surfaces that come in contact with food, including equipment used for feeding and watering, with potable water before reuse. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried.

DISINFECTION AND DEODORIZING OF ANIMAL HOUSING FACILITIES (BARNs, KENNELs, CAGES, HUTCHES, ETC): Remove animals and feed from facilities. Remove litter, waste matter, and gross soils. Empty all troughs, rack and other feeding and watering equipment. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure. Saturate surfaces with a use-solution (4-6 fl. oz./gal) for a period of 5 minutes. Apply use-solution by coarse trigger sprayer to hard, non-porous surfaces. Spray 6-8 inches from the surface; making sure to wet surfaces thoroughly. See list of viruses under disinfection directions for use. Ventilate buildings and other closed spaces. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse. Allow to air dry before reintroducing animals.

EPA Reg. No. 1677-238

Consult your Ecolab Specialist or call 1-800-35 CLEAN (352-5326) for specific use directions, service, or additional information.

PHYSICAL & CHEMICAL PROPERTIES

Appearance: Liquid
Color: Clear, Yellow
Odor: Perfumes, Fragrances
pH: 0.5 - 1.5, 100%

ACTIVE INGREDIENT:

Hydrogen Peroxide 8.0%

OTHER INGREDIENTS: 92.0%

TOTAL: 100.0%

PACKAGING & PRODUCT NUMBERS

Size	Product Number
1 - 2.0 US Gal (7.57 L)	6100693 (Oasis)
2 - 2 L (0.53 US Gal)	6100791 (Oasis Pro)
2 - 44 FL OZ (1.3 L)	6100792 (QC)
1 - 2.0 US Gal (7.57 L)	6100793 (Quik Fill)



Safety Data Sheet

Issue Date: 07-Apr-2014

Revision Date: 25-Sep-2017

Version 2

1. IDENTIFICATION

Product Identifier

Product Name Buckeye Eco Hydrogen Peroxide Cleaner

Other means of identification

SDS # BE-6015

Product Code 6015

Recommended use of the chemical and restrictions on use

Recommended Use All Purpose Cleaner, Water Based.

Details of the supplier of the safety data sheet

Supplier Address

Buckeye International, Inc.
2700 Wagner Place
Maryland Heights, MO 63043 USA

Emergency Telephone Number

Company Phone Number 1-314-291-1900

Emergency Telephone (24 hr) Transportation - INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)
Medical - (International) 1-651-632-8956 (North America) 1-800-303-0441

2. HAZARDS IDENTIFICATION

Appearance Clear liquid

Physical state Liquid

Odor Orange blossom fragrance added

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1

Signal Word

Danger

Hazard statements

Causes skin irritation

Causes serious eye damage



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a poison center or doctor/physician
IF ON SKIN: Wash with plenty of water and soap
Take off contaminated clothing and wash before reuse
If skin irritation occurs: Get medical advice/attention

Other hazards

Toxic to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
Hydrogen Peroxide	7722-84-1	<12
Sodium xylenesulfonate	1300-72-7	<2
Alkylpolyglycoside C8-10	68515-73-1	<5

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**First Aid Measures**

Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
Skin Contact	Wash skin with soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.
Inhalation	Remove to fresh air.
Ingestion	Drink 2-3 large glasses of water. Do NOT induce vomiting. Call a physician. Never give anything by mouth to an unconscious person.

Most important symptoms and effects

Symptoms	Causes skin irritation. Can cause defatting of skin tissue. Causes serious eye damage.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically. Dermatitis or other pre-existing skin conditions may be aggravated by overexposure to this product.
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5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Combustion products may be toxic.

Hazardous Combustion Products Carbon oxides. Nitrogen oxides (NOx).

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Pick up with mop, wet/dry vac, or absorbent material. Rinse area with clear water and allow floor to dry before allowing traffic.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands and any exposed skin thoroughly after handling. Keep containers closed when not in use.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place. Store at room temperature.

Incompatible Materials Chlorine bleach.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydrogen Peroxide 7722-84-1	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m ³ (vacated) TWA: 1 ppm (vacated) TWA: 1.4 mg/m ³	IDLH: 75 ppm TWA: 1 ppm TWA: 1.4 mg/m ³

Appropriate engineering controls

Engineering Controls Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Use safety glasses or chemical splash goggles.

Skin and Body Protection Wear rubber gloves or other impervious gloves.

Respiratory Protection

No protection is ordinarily required under normal conditions of use and with adequate ventilation.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	Orange blossom
Appearance	Clear liquid		fragrance added
Color	Not determined	Odor Threshold	Not determined
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	4.0 - 4.4 (conc.) 5.1 - 6.1 (1:64 dilution)		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	100 °C / 212 °F		
Flash Point	None	Tag Closed Cup (Water = 1)	
Evaporation Rate	1.0		
Flammability (Solid, Gas)	Liquid-Not applicable		
Flammability Limits in Air			
Upper Flammability Limits	Not applicable		
Lower Flammability Limit	Not applicable		
Vapor Pressure	Not determined		
Vapor Density	Not determined		
Relative Density	1.025	(1=Water)	
Water Solubility	Infinite		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not applicable		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Keep separated from incompatible substances. Keep out of reach of children.

Incompatible Materials

Chlorine bleach.

Hazardous Decomposition Products

Carbon oxides. Nitrogen oxides (NOx).

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	Causes serious eye damage.
Skin Contact	Causes skin irritation.
Inhalation	Avoid breathing vapors or mists.
Ingestion	Do not ingest.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Hydrogen Peroxide 7722-84-1	= 1518 mg/kg (Rat)	= 4060 mg/kg (Rat) = 2000 mg/kg (Rabbit)	= 2 g/m ³ (Rat) 4 h
Sodium xylenesulfonate 1300-72-7	= 1000 mg/kg (Rat)	-	-

Information on physical, chemical and toxicological effects

Symptoms	Please see section 4 of this SDS for symptoms.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity	Group 3 IARC components are "not classifiable as human carcinogens".
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Chemical Name	ACGIH	IARC	NTP	OSHA
Hydrogen Peroxide 7722-84-1	A3	Group 3		

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Hydrogen Peroxide 7722-84-1	2.5: 72 h Chlorella vulgaris mg/L EC50	18 - 56: 96 h Lepomis macrochirus mg/L LC50 static 10.0 - 32.0: 96 h Oncorhynchus mykiss mg/L LC50 static 16.4: 96 h Pimephales promelas mg/L LC50	7.7: 24 h Daphnia magna mg/L EC50 18 - 32: 48 h Daphnia magna mg/L EC50 Static

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods****Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Hydrogen Peroxide 7722-84-1	Toxic Corrosive Ignitable Reactive

14. TRANSPORT INFORMATION**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION**International Inventories**

Chemical Name	TSCA	DSL/NDSL	EINECS/E LINCS	ENCS	IECSC	KECL	PICCS	AICS
Alcohol Ethoxylate	X	X	X		X	Present	X	X
Hydrogen Peroxide	X	X	X	Present	X	Present	X	X
Alkylpolyglycoside C8-10	X	X	X		X	Present	X	X
Sodium xylenesulfonate	X	X	X	Present	X	Present	X	X
Alkylpolyglycoside C10-16	X	X		Present	X	Present	X	X

Legend:**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS** - Japan Existing and New Chemical Substances**IECSC** - China Inventory of Existing Chemical Substances**KECL** - Korean Existing and Evaluated Chemical Substances**PICCS** - Philippines Inventory of Chemicals and Chemical Substances**AICS** - Australian Inventory of Chemical Substances

US Federal Regulations**CERCLA**

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Hydrogen Peroxide 7722-84-1		1000 lb	

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Hydrogen Peroxide 7722-84-1	X	X	X

16. OTHER INFORMATION**NFPA****Health Hazards**

1

Flammability

0

Instability

0

Special Hazards

Not determined

HMIS**Health Hazards**

Not determined

Flammability

Not determined

Physical hazards

Not determined

Personal Protection

Not determined

Issue Date:

07-Apr-2014

Revision Date:

25-Sep-2017

Revision Note:

Regulatory Update / Telephone number update

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



Safety Data Sheet

Issue Date: 27-Dec-2011

Revision Date: 03-Dec-2018

Version 4

1. IDENTIFICATION

Product identifier

Product Name Buckeye Eco Neutral Disinfectant

Other means of identification

SDS # BE-6023

Product Code 6023

Registration Number(s) EPA Reg. No. 47371-129-559

UN/ID No UN1760

Recommended use of the chemical and restrictions on use

Recommended Use EPA Registered Germicidal Cleaner.

Details of the supplier of the safety data sheet

Supplier Address

Buckeye International, Inc.
2700 Wagner Place
Maryland Heights, MO 63043 USA

Emergency telephone number

Company Phone Number 1-314-291-1900

Emergency Telephone (24 hr) Transportation - INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)
Medical – (International) 1-615-632-8956 (North America) 1-800-303-0441

2. HAZARDS IDENTIFICATION

Emergency Overview This chemical is a product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-EPA registered chemicals. Please see Section 15 for additional EPA information.

Appearance Clear green liquid

Physical state Liquid

Odor Lemon fragrance

Classification

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1

Signal Word

Danger

Hazard statements

Harmful if swallowed
Causes severe skin burns and eye damage

**Precautionary Statements - Prevention**

Wear protective gloves/protective clothing/eye protection/face protection
 Wash face, hands and any exposed skin thoroughly after handling
 Do not eat, drink or smoke when using this product
 Do not breathe dusts or mists

Precautionary Statements - Response

Immediately call a POISON CENTER or doctor
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 Immediately call a POISON CENTER or doctor
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower
 Wash contaminated clothing before reuse
 IF INHALED: Remove person to fresh air and keep comfortable for breathing
 Immediately call a POISON CENTER or doctor
 IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell
 Rinse mouth
 Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other hazards

Toxic to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Didecyldimethylammonium chloride	7173-51-5	10-20
Alkyl dimethyl benzyl ammonium chloride (C12-16)	68424-85-1	<10
Ethyl Alcohol	64-17-5	<10
Sodium hydroxide	1310-73-2	<5
Alkyloxypolyethyleneoxyethanol	84133-50-6	<5
EDTA	60-00-4	<5

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures**General Advice**

Call a poison center or doctor immediately for treatment advice.

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek immediate medical attention/advice.

Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing. Wash contaminated clothing before reuse.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration.
Ingestion	Have person sip a glass of water if able to swallow. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Symptoms	Contact may cause irritation and redness. Direct eye contact may cause stinging, tearing and redness. May cause redness, pain, and severe skin burns. May cause irritation to the mucous membranes and upper respiratory tract. Ingestion may cause nausea and headache.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically. If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsions may be needed.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Dry powder. Foam.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Toxic fumes may be given off when material is exposed to fire.

Hazardous combustion products Carbon oxides. Nitrogen oxides (NOx). Hydrogen chloride.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Environmental precautions

Environmental precautions Collect spillage. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Pick up with mop, wet/dry vac, or absorbent material. Rinse area with clear water and allow floor to dry before allowing traffic.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Keep out of the reach of children. Use personal protection recommended in Section 8. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid release to the environment.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Store at room temperature. Keep container closed when not in use. Do not contaminate water, food, or feed by storage or disposal.

Packaging Materials

Rinse container before discarding.

Incompatible Materials

Chlorine bleach. Anionic detergents. Strong oxidizing agents. Strong reducing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl Alcohol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m ³
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³

Appropriate engineering controls

Engineering Controls

Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Splash goggles or safety glasses.

Skin and Body Protection

Rubber gloves. Normal work clothing (long sleeved shirts and long pants) is recommended.

Respiratory Protection

Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling. Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	Lemon fragrance
Appearance	Clear green liquid	Odor Threshold	Not determined
Color	Green		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	7.6 ± 0.2 (conc) 7.0 ± 0.2 (1:256 dilution)		
Melting point / freezing point	Not determined		
Boiling point / boiling range	100 °C / 212 °F		
Flash point	93.3 °C / ~ 200 °F		
Evaporation Rate	1.0	Tag Closed Cup (n-BuAc =1)	

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Flammability (Solid, Gas)	n/a-liquid	
Flammability Limit in Air		
Upper flammability or explosive limits	Not applicable	
Lower flammability or explosive limits	Not applicable	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Relative Density	1.00	
Water Solubility	Mostly Soluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition temperature	Not determined	
Decomposition temperature	Not determined	
Kinematic viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible materials

Chlorine bleach. Anionic detergents. Strong oxidizing agents. Strong reducing agents.

Hazardous decomposition products

Thermal decomposition can lead to release of irritating gases or vapors.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	Causes severe eye damage.
Skin Contact	Causes severe skin burns.
Inhalation	Avoid breathing vapors or mists.
Ingestion	Harmful if swallowed.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Didecyltrimethylammonium chloride 7173-51-5	= 84 mg/kg (Rat)	-	-
Alkyl dimethyl benzyl ammonium chloride (C12-16) 68424-85-1	= 426 mg/kg (Rat)	-	-
Ethyl Alcohol 64-17-5	= 7060 mg/kg (Rat)	-	= 124.7 mg/L (Rat) 4 h
Sodium hydroxide 1310-73-2	140 - 340 mg/kg (Rat)	= 1350 mg/kg (Rabbit)	-
Alkyloxypolyethyleneoxyethanol 84133-50-6	= 2100 mg/kg (Rat)	-	-
EDTA 60-00-4	> 2000 mg/kg (Rat)	-	-

Symptoms related to the physical, chemical and toxicological characteristics**Symptoms**

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Carcinogenicity**

Ethanol has been shown to be carcinogenic in long-term studies only when consumed as an alcoholic beverage.

Chemical name	ACGIH	IARC	NTP	OSHA
Ethyl Alcohol 64-17-5	A3	Group 1	Known	X

Legend*ACGIH (American Conference of Governmental Industrial Hygienists)**A3 - Animal Carcinogen**IARC (International Agency for Research on Cancer)**Group 1 - Carcinogenic to Humans**NTP (National Toxicology Program)**Known - Known Carcinogen**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**X - Present***Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document .

Oral LD50	1,754.50 mg/kg
Dermal LD50	39,646.80 mg/kg
ATEmix (inhalation-dust/mist)	1,893.40 mg/L

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Toxic to aquatic life with long lasting effects.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Ethyl Alcohol 64-17-5		100: 96 h Pimephales promelas mg/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through 12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static	10800: 24 h Daphnia magna mg/L EC50 2: 48 h Daphnia magna mg/L EC50 Static 9268 - 14221: 48 h Daphnia magna mg/L LC50
Sodium hydroxide 1310-73-2		45.4: 96 h Oncorhynchus mykiss mg/L LC50 static	
Alkyloxypolyethyleneoxyethanol 84133-50-6		3.2: 96 h Pimephales promelas mg/L LC50	3.2: 48 h water flea mg/L EC50

EDTA 60-00-4	1.01: 72 h <i>Desmodesmus</i> subspicatus mg/L EC50	34 - 62: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 44.2 - 76.5: 96 h <i>Pimephales promelas</i> mg/L LC50 static	113: 48 h <i>Daphnia magna</i> mg/L EC50 Static
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Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Chemical name	Partition coefficient
Ethyl Alcohol 64-17-5	-0.32

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods**Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status

Chemical name	California Hazardous Waste Status
Ethyl Alcohol 64-17-5	Toxic Ignitable
Sodium hydroxide 1310-73-2	Toxic Corrosive

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

UN/ID No	UN1760
Proper Shipping Name	Corrosive liquids, n.o.s. (Alkyldimethylbenzyl ammonium chloride)
Hazard class	8
Packing Group	II

IATA

UN number	UN1760
Proper Shipping Name	Corrosive liquids, n.o.s. (Alkyldimethylbenzyl ammonium chloride)
Transport hazard class(es)	8
Packing Group	II

IMDG

UN number	UN1760
Proper Shipping Name	Corrosive liquids, n.o.s. (Alkyldimethylbenzyl ammonium chloride)
Transport hazard class(es)	8
Packing Group	II

15. REGULATORY INFORMATION**International Inventories**

Chemical name	TSCA	DSL/NDSL	EINECS/E Lincs	ENCS	IECSC	KECL	PICCS	AICS
Didecylmethylammonium chloride	X	X	X	X	X	X	X	X
Alkyl dimethyl benzyl ammonium chloride (C12-16)	X	X	X	X	X	X	X	X
Ethyl Alcohol	X	X	X	X	X	X	X	X
Sodium hydroxide	X	X	X	X	X	X	X	X
Alkyloxypolyethyleneoxyethanol	X	X			X	X	X	X
EDTA	X	X	X	X	X	X	X	X

Legend:*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS - Japan Existing and New Chemical Substances**IECSC - China Inventory of Existing Chemical Substances**KECL - Korean Existing and Evaluated Chemical Substances**PICCS - Philippines Inventory of Chemicals and Chemical Substances**AICS - Australian Inventory of Chemical Substances***US Federal Regulations****CERCLA**

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium hydroxide 1310-73-2	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
EDTA 60-00-4	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hydroxide	1000 lb			X
EDTA	5000 lb			X

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65
Ethyl Alcohol - 64-17-5	Carcinogen Developmental

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Ethyl Alcohol 64-17-5	X	X	X
Sodium hydroxide 1310-73-2	X	X	X
EDTA 60-00-4	X	X	X

EPA Pesticide Registration Number EPA Reg. No. 47371-129-559

EPA Statement

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

EPA Pesticide Label

Signal Word: Danger

Corrosive. Causes irreversible eye damage and skin burns. Harmful if inhaled, swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and protective gloves (rubber or chemical resistant). Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

Difference between SDS and EPA pesticide label

	EPA	OSHA
Signal Word	Danger	Danger
Acute Toxicity - Oral	Harmful if swallowed	Harmful if swallowed
Acute Toxicity – Dermal	Harmful if absorbed through the skin	N/A
Acute Toxicity – Inhalation	Harmful if inhaled	N/A
Skin corrosion/irritation	Causes skin burns	Causes severe skin burns
Serious eye damage/eye irritation	Causes irreversible eye damage	Causes serious eye damage

16. OTHER INFORMATION**NFPA****Health Hazards****Flammability****Instability****Special Hazards**

3

1

0

Not determined

HMIS**Health Hazards****Flammability****Physical hazards****Personal Protection**

Not determined

Not determined

Not determined

Not determined

Issue Date: 27-Dec-2011**Revision Date:** 03-Dec-2018**Revision Note:** New formula**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



Hydrogen Peroxide Cleaner



Buckeye Eco Hydrogen Peroxide Cleaner is an all-in-one solution for cleaning facilities without stocking multiple products. It is an environmentally responsible, general purpose cleaner for use on floors, walls, fixtures, and many other surfaces. Apply with a cloth, sponge, trigger spray bottle, pump-up sprayer, autoscrubber, foam gun or mop.



This product meets Green Seal™ Standard GS-37 based on effective performance, concentration of product, minimized/recycled packaging, and protective limits on VOCs and human & environmental toxicity. GreenSeal.org.

FEATURES • ADVANTAGES • BENEFITS

FEATURES

- Super concentrated
- Versatile
- Powerful degreaser
- Cleaning power boosted with hydrogen peroxide
- Butyl-free formulation
- Non DOT corrosive
- Pleasant orange blossom fragrance

ADVANTAGES

- Dilutes with cold water for low end-use cost
- One product for many uses
- Can handle heavy dirt, grease and oil loads
- More aggressive than ordinary general purpose cleaners
- Environmentally responsible
- Easily cleans large areas like athletic facilities and locker rooms
- Eliminates DOT hazardous material shipment costs

BENEFITS

- Cost effective
- Saves inventory dollars
- Brightens grout and eliminates odors
- Environmentally responsible
- Saves time and saves labor
- Multiple applications

1.25 L Bag Yield Rate

½ oz./gal. (1:256) makes 84 end-use gallons, which is equivalent to:



Each 4x1 case makes 339 end-use gallons

2 oz./gal. (1:64) makes 21.5 end-use gallons, which is equivalent to:



Each 4x1 case makes 343 end-use quarts

0.95 L Squeeze & Pour Yield Rate

½ oz./gal. (1:256) makes 64 end-use gallons, which is equivalent to:



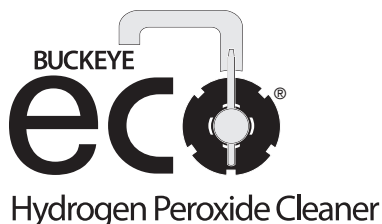
Each 6x1 case makes 386 end-use gallons

2 oz./gal. (1:64) makes 16.3 end-use gallons, which is equivalent to:



Each 6x1 case makes 390 end-use quarts

For food plant and other industrial use only. In food processing areas before cleaning starts, food products and packaging materials must be removed from the room or carefully protected. GS-37 does not allow use of this product on food contact surfaces.



Directions for Use

Connecting 1.25 L Bags to Eco Unit

1. Remove 1.25 L bag from carton.
2. To open the Eco unit product compartment, depress the top of the unit with your fingers and pull the compartment down towards you with your other hand.
3. Align Eco unit connector cap lugs with 1.25 L bag metering plug channels. Rotate clockwise to lock in place.
4. Fit 1.25 L bag neatly into product compartment with hose barb pointed downward.

**Ensure chemical line is not pinched.*

5. Close Eco unit product compartment.

Dispensing Diluted Product into 32 oz. Trigger Spray Bottle

1. Use appropriate 32 oz. trigger spray bottle, and slide up over 5-inch discharge hose.
2. Push back lever to dispense cold water diluted product.
3. Once trigger spray bottle is filled (approximately 2 inches from top), release lever to avoid overfilling.

Dispensing Diluted Product into Mop and Bucket/Other Equipment

1. Position Eco unit discharge hose into mop bucket or other equipment.
2. Press green button below appropriate product to dispense cold water diluted product.
3. For hands-free operation, push the appropriate green button once to dispense cold water diluted product. Once filled, push the button again to stop product flow.

For autoscrubber and mop and bucket applications:

Use ½ oz. per gallon (4 ml/l), (1:256) cold water

For spray and wipe applications:

Use 2 oz. per gallon (16 ml/l), (1:64) cold water

Note: Not recommended for marble at dilutions greater than 2 oz. per gallon.

0.95 L Squeeze & Pour Bottles (S15) – User Instructions:

For autoscrubber and mop and bucket applications:

Add 1 oz. per each prefilled 2 gallons of cold water

For Eco 32 oz. trigger spray bottle:

Add ½ oz. per prefilled Eco trigger spray bottle of cold water

Available in:



1.25 L
bags



0.95 L
squeeze
& pour
bottles

Eco Hydrogen Peroxide Cleaner Technical Specifications

pH (conc.)	4.2 ± 0.2
pH ½ oz./gal. (1:256)	6.0 ± 0.5
pH 2 oz./gal. (1:64)	5.6 ± 0.5
Specific Gravity	1.02 gr/ml
Weight/Gallon	8.54 lbs
Formulated without Abrasives, EDTA or Phosphates	Yes
Biodegradable	Yes
U.S. Patent	6,716,804
Color	Clear
Fragrance	Orange Blossom

Improper use and dilution may result in inadequate cleaning and may result in health and physical hazards that match those of the concentrate. When handling concentrated product, wearing safety glasses and gloves is suggested.

Dispose of unused product and solutions in accordance with local, state, and federal regulations.

For more information about E15/S15, scan this code.



Buckeye International, Inc.

2700 Wagner Place • Maryland Heights • MO 63043 • 800.321.2583

www.buckeyeinternational.com



Neutral Disinfectant

Product Reorder Number



Buckeye Eco Neutral Disinfectant is a multi-purpose, neutral pH, broad-spectrum germicidal detergent designed for use in hospital, healthcare and industrial settings at ½ oz. and 2 oz. per gallon of water. Buckeye Eco Neutral Disinfectant is ideal for routine germicidal cleaning and floor care maintenance. With a use-dilution pH of 7.0 ± 0.2 , Buckeye Eco Neutral Disinfectant will not attack floor finish.

Special detergents effectively remove dirt and soil without harming the finish. Buckeye Eco Neutral Disinfectant requires no rinsing. This means more time may pass between labor intensive stripping and recoating procedures.

Use Buckeye Eco Neutral Disinfectant on most hard, nonporous surfaces in:

Nursing Homes
Hospitals
Healthcare Facilities
Schools and Colleges
Office Buildings
Public Facilities
Hotels
Exercise Facilities



FEATURES

- 1 minute contact time for Human Coronavirus
- 2 minute contact time for Influenza Virus Type A
- 4 minute contact time for HIV-1 (AIDS virus)
- Disinfectant
- Bactericidal
- Virucidal*
- Fungicidal
- Mildewstatic
- EPA registered
- Disinfects, cleans, and deodorizes in one labor-saving step
- pH neutral
- Effective in hard water up to 200 ppm [calculated as CaCO_3] in the presence of a moderate amount of soil [5% organic serum] according to the AOAC Use-Dilution Test
- Use on hard, nonporous surfaces

Effectively kills: • HIV-1 (AIDS Virus) • Hepatitis B Virus (HBV) • Hepatitis C Virus (HCV) • Herpes Simplex Virus Type 1 & 2 • Rubella Virus • Influenza A Virus/ Hong Kong • Vaccinia • Adenovirus • Vancomycin resistant *Enterococcus faecalis* (VRE) • Methicillin resistant *Staphylococcus aureus* (MRSA) • Community Associated Methicillin-Resistant *Staphylococcus aureus* (CA-MRSA) • Gram-negative & Gram-positive pathogens • *Trichophyton* Mentagrophytes (Athlete's Foot Fungus)

EPA REG. NO. 47371-129-559
EPA EST. NO. 559-MO-1

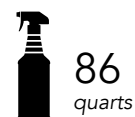
1.25 L Bag Yield Rate

½ oz./gal. (1:256) makes 84 end-use gallons, which is equivalent to:



Each 4x1 case makes 339 end-use gallons

2 oz./gal. (1:64) makes 21.5 end-use gallons, which is equivalent to:



Each 4x1 case makes 343 end-use quarts

0.95 L Squeeze & Pour Yield Rate

½ oz./gal. (1:256) makes 64 end-use gallons, which is equivalent to:



Each 6x1 case makes 386 end-use gallons

2 oz./gal. (1:64) makes 16.3 end-use gallons, which is equivalent to:



Each 6x1 case makes 390 end-use quarts

RESEARCH FACTS

Antimicrobial Test Results

Claim:	Contact Time:	Organic Soil:	Water Conditions:
Disinfectant	10 minutes	5%	200 ppm as CaCO ₃
Test Method:	EPA Approved Method		

Organism	ATCC#	Use-Dilution Concentration
Acinetobacter baumannii	BAA-1709	660 ppm (½ oz./gal.)
Acinetobacter calcoaceticus	23055	660 ppm
Bordetella bronchiseptica	31427	660 ppm
Chlamydia psittaci	VR-854	660 ppm
Enterobacter aerogenes	13048	660 ppm
Enterobacter cloacae	13047	660 ppm
Enterobacter cloacae NDM-1	CDC1000654	660 ppm
Enterococcus faecalis - Vancomycin Resistant (VRE)	51299	660 ppm
Escherichia coli	11229	660 ppm
Escherichia coli NDM-1	CDC1001728	660 ppm
Fusobacterium necrophorum	27852 25286	660 ppm
Klebsiella pneumoniae	4352	660 ppm
Klebsiella pneumonia ¹ NDM-1	BAA-2473	660 ppm
Legionella pneumophila	33153	660 ppm
Listeria monocytogenes	15313	660 ppm
Pasteurella multocida	12947	660 ppm
Proteus mirabilis	9240	660 ppm
Proteus vulgaris	9920	660 ppm
Salmonella enterica	10708	660 ppm
Salmonella enteritidis	13076	660 ppm
Salmonella typhi	6539	660 ppm
Serratia marcescens	14756	660 ppm
Shigella flexneri	9380	660 ppm
Shigella sonnei	25931	660 ppm
Staphylococcus aureus	6538	660 ppm
Staphylococcus aureus ¹ (MRSA)	33592	660 ppm
Staphylococcus aureus ¹ (MRSA) Community Associated	(NRS 384) USA300	660 ppm
Staphylococcus aureus ¹ (MRSA) Community Associated	(NRS 123) USA400	660 ppm
Staphylococcus aureus ² (VISA)	CDC No. HIP-5836	660 ppm
Staphylococcus epidermidis ¹ (MDR) Multi-Drug Resistant	12228	660 ppm
Streptococcus pyogenes	19615	660 ppm
Pseudomonas aeruginosa	15442	660 ppm
Pseudomonas aeruginosa ¹ (MBL)	CDC 2012059	660 ppm

Conclusion: Buckeye Eco Neutral Disinfectant demonstrated efficacy against the listed bacteria as specified in the test performance standards. The formulation meets EPA requirements for hard surface disinfectant claims when diluted as directed.

Claim:	Contact Time:	Organic Soil:	Water Conditions:
Mildewstat	10 minutes	5%	200 ppm as CaCO ₃
Test Method:	EPA Approved Method		

Organism	ATCC#	Use-Dilution Concentration
Aspergillus niger	6275	660 ppm (½ oz./gal.)

Conclusion: Buckeye Eco Neutral Disinfectant demonstrated efficacy as a mildewstat against the above organism as specified in the test performance standards.

Claim:	Contact Time:	Organic Soil:	Water Conditions:
Citrus Canker Disease Control	10 minutes	5%	Deionized
Test Method:	EPA Approved Method		
Organism		Use-Dilution Concentration	
Xanthomonas axonopodis (Pathovar citri) (USDA Permit No. 46190)		2000 ppm (5oz. per 3¼ gallons)	

Claim:	Contact Time:	Organic Soil:	Water Conditions:
Fungicide	10 minutes	5%	200 ppm as CaCO ₃
Test Method:	EPA Approved Method		

Organism	ATCC#	Use-Dilution Concentration
Trichophyton mentagrophytes	9533	660 ppm (½ oz./gal.)
Candida albicans	11651	660 ppm

Conclusion: Buckeye Eco Neutral Disinfectant demonstrated fungicidal efficacy against the above organisms as specified in the test performance standards.

¹ Antibiotic-resistant strain

² Reduced Susceptibility to Vancomycin

Claim:	Contact Time:	Organic Soil:	Water Conditions:
Virucide	Varies	5%	200 ppm as CaCO ₃
Test Method:	EPA Approved Method		

Organism	Source of Virus or ATCC#	Use-Dilution Concentration	Contact Time
Adenovirus Type 4	VR-4 strain RI-67	660 ppm (½ oz./gal.)	10 Min.
Adenovirus Type 7	VR-7	2640 ppm (2 oz./gal.)	10 Min.
Hepatitis B (HBV)	Duck Hepatitis B Virus (Hepadna Virus Testing, Inc.)	660 ppm	10 Min.
Hepatitis C (HCV)	Bovine Viral Diarrhea Virus (BVDV-CPE)	660 ppm	10 Min.
Herpes Simplex Type 1	VR-733	660 ppm	10 Min.
Herpes Simplex Type 2	MS Strain	660 ppm	10 Min.
HIV-1 (AIDS Virus)	HTLV-III _{RF} strain	660 ppm	4 Min.
Human coronavirus	VR-740 Strain 229E	660 ppm	1 Min.
Influenza A Virus	VR-544 Strain Hong Kong	660 ppm	2 Min.
Respiratory Syncytial virus (RSV)	VR-26	660 ppm	10 Min.
Rotavirus (WA)	Strain WA	660 ppm	10 Min.
Rubella virus	Strain M-33	660 ppm	10 Min.
SARS Associated Coronavirus (SARS)	CDC Strain #200300592	660 ppm	10 Min.
Vaccinia (Pox virus)	Strain IHD	660 ppm	10 Min.

Conclusion: Buckeye Eco Neutral Disinfectant effectively inactivated the above viruses specified in the test performance standards. The formulation meets EPA requirements for hard surface disinfectant claims when diluted as directed.

Claim:	Contact Time:	Organic Soil:	Water Conditions:
Animal Viruses	10 minutes	5%	200 ppm as CaCO ₃
Test Method:	EPA Approved Method		

Organism	Source of Virus or ATCC #	Use-Dilution Concentration	Contact Time
Avian influenza (H5N1)	Strain VNH5N1-PR8/CDC-RG CDC #2006719965	660 ppm (½ oz./gal.)	10 Min.
Avian polyomavirus	Dr. Bruce Calnek, Cornell University	660 ppm	10 Min.
Canine distemper virus	VR-128	660 ppm	10 Min.
Feline leukemia virus	VR-717	660 ppm	10 Min.
Feline picornavirus (calicivirus)	VR-649	660 ppm	10 Min.
Infectious bovine rhinotracheitis	VR-793	660 ppm	10 Min.
Infectious bronchitis [Avian IBV]	VR-22	660 ppm	10 Min.
Newcastle Disease	VR-108, strain B1, Hitchner or Blacksburg	660 ppm	10 Min.
Pseudorabies virus [PRV]	VR-135	660 ppm	10 Min.
Rabies virus	VR-138	660 ppm	10 Min.
Transmissible Gastroenteritis virus [TGE]	VR-763	660 ppm	10 Min.

Conclusion: Buckeye Eco Neutral Disinfectant effectively inactivated the above viruses specified in the test performance standards. The formulation meets EPA requirements for hard surface disinfectant claims when diluted as directed.

Directions for Use

DIRECTIONS: Disinfects, cleans, and deodorizes the following hard, nonporous, inanimate surfaces: floors, walls, (non-medical) metal surfaces, (non-medical) stainless steel surfaces, glazed porcelain, and plastic surfaces such as polypropylene, polystyrene, etc. Remove heavy soil deposits from surface. Then thoroughly wet surface with a use-solution of ½ ounce of the concentrate per gallon of water or equivalent. (Use 2 oz. per gallon of water to kill Adenovirus Type 7.) The use-solution can be applied with a cloth, mop, sponge, or coarse spray, or soaking. For sprayer applications, use a coarse spray device. Spray 6–8 inches from the surface, rub with a brush, cloth or sponge. Do not breathe spray. Let solution remain on surface for a minimum of 10 minutes. Rinse or allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. Food contact surfaces must be thoroughly rinsed with potable water. This product must not be used to clean the following food contact surfaces: utensils, glassware and dishes. Prepare a fresh solution daily or more often if the solution becomes visibly dirty or diluted.

Connecting 1.25 L Bags to Eco Unit

1. Remove 1.25 L bag from carton.
2. To open the Eco unit product compartment, depress the top of the unit with your fingers and pull the compartment down towards you with your other hand.
3. Align Eco unit connector cap lugs with 1.25 L bag metering plug channels. Rotate clockwise to lock in place.
4. Fit 1.25 L bag neatly into product compartment with hose barb pointed downward.
**Ensure chemical line is not pinched.*
5. Close Eco unit product compartment.

Dispensing Diluted Product into 32 oz. Trigger Spray Bottle

1. Use appropriate 32 oz. trigger spray bottle, and slide up over 5-inch discharge hose.
2. Push back lever to dispense diluted product.
3. Once trigger spray bottle is filled (approximately 2 inches from top), release lever to avoid overfilling.

Dispensing Diluted Product into Mop and Bucket/Other Equipment

1. Position Eco unit discharge hose into mop bucket or other equipment.
2. Press green button below appropriate product to dispense diluted product.
3. For hands-free operation, push the appropriate green button once to dispense diluted product. Once filled, push the button again to stop product flow.

0.95 L Squeeze & Pour Bottles (S23) – User Instructions:

For mop and bucket applications:

Add 1 oz. per prefilled 2 gallons of water

For Eco 32 oz. trigger spray bottle:

Add ½ oz. per prefilled Eco trigger spray bottle of water

Available in:



1.25 L
bags



0.95 L
squeeze
& pour
bottles

Eco Neutral Disinfectant Technical Specifications

pH in concentrate	7.6 ± 0.2
pH 2 oz./gal. (1:64)	6.8 ± 0.2
pH ½ oz./gal. (1:256)	7.0 ± 0.2
Weight/Gallon	8.31 lbs
Specific Gravity	0.998
Color	Forest Green
Fragrance	Lemon Zest
Active Concentration	660 ppm
Active Disinfectant:	
Didecyl dimethyl ammonium chloride.....10.14%	
n-Alkyl (C ₁₄ 50%, C ₁₂ 40%, C ₁₆ 10%)	
dimethyl benzyl ammonium chloride.....6.76%	
Inert Ingredients.....83.10%	

For more information
about E23/S23, scan
this code.



Buckeye International, Inc.

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www.buckeyeinternational.com