

Bend-La Pine Schools COVID-19 Cleaning Protocols

January 13, 2021

Routine cleaning and disinfecting are an important part of reducing the risk of exposure to COVID-19. Surfaces frequently touched by multiple people, such as door handles, desks, phones, light switches, and faucets should be cleaned and disinfected at least daily.

Maintaining a safe and healthy environment in our schools will require a collaborative effort between all school and district staff. Our custodial teams at each school will focus on the overall cleaning and disinfecting of the school throughout their work shifts, but they will need the help and support of all staff with cleaning high touch areas throughout the day.

Bend-La Pine Schools is following the required cleaning and disinfecting guidelines in the Oregon Department of Education's [Ready Schools, Safe Learners](#) guidelines (section 2j).

Cleaning, Sanitizing, and Disinfecting Definitions

Cleaning – cleaning removes dust, debris, and dirt from the surface by scrubbing, washing, and rinsing. Cleaning does not kill germs, but by removing germs it lowers their numbers and the risk of spreading infection.

Sanitizing – reduces bacteria on surfaces.

Disinfecting – destroys and inactivates both bacteria and viruses (e.g. influenzas, rhinoviruses) on hard, nonporous surfaces.

Example – A student has a bloody nose and drips blood on the desk. Cleaning is the initial wiping up of the blood off the desk surface and disinfecting is the chemical application of destroying and inactivating the bacteria and viruses in the blood.

Types of Viruses

Three types of viruses –

1. Enveloped – are easiest to kill (e.g. Influenza A, SARS-CoV-2)
2. Large – non-enveloped – more difficult to kill (e.g. Rotavirus)
3. Small – non-enveloped – hardest to kill (e.g. Rhinovirus, Norovirus)

* SARS-CoV-2 (COVID-19) is an enveloped virus, which has a thin membrane, making it one of the easiest viruses to clean and disinfect.

Cleaning and Disinfecting Product Used for COVID-19 in Bend-La Pine Schools

Bend-La Pine Schools will be using two products, WAXIE Solution Station 730 HP Disinfectant Cleaner and Orbio MultiMicro 200, to clean, sanitize, and disinfect in all its facilities and buses for COVID-19.

WAXIE Solution Station 730 HP Disinfectant Cleaner is a one-step hydrogen peroxide-based product that is used as a cleaner and disinfectant. The cleaner is registered on the EPA List N Tool for COVID-19 Disinfectants and does not contain any quaternary ammonium chlorides,

bleach, or peracetic acid. WAXIE Solution Station 730 HP Disinfectant Cleaner has been tested and proven to kill SARS-CoV-2, the virus responsible for COVID-19, in one minute, with no rinsing or wiping required (leaving no residue or film).

The Waxie Solution Station 730 HP Disinfectant Cleaner will be provided for all staff to use in spray bottles and mop buckets.

Orbio MultiMicro 200 is a Hypochlorous Acid cleaner and disinfected that has been tested by Oregon OSHA and SAIF for use in electrostatic sprayers by trained employees.

WAXIE Solution Station 730 HP Disinfectant Cleaner – [Product Spec Sheet](#)

WAXIE Solution Station 730 HP Disinfectant Cleaner – [Safety Data Sheet](#)

WAXIE Solution Station 730 HP Disinfectant Cleaner – [EPA List N Tool COVID-19 Disinfectants](#)

ORBIO MultiMicro 200 Disinfectant Cleaner – [Product Spec Sheet](#)

ORBIO MultiMicro 200 Disinfectant Cleaner – [Safety Data Sheet](#)

Electrostatic Sprayers

Electrostatic sprayers are not foggers or misters, they are directional and surface specific, battery operated, and electrostatically charged sprayers.

Electrostatic sprayers will be used by custodial staff and some specific, trained, teaching staff (PE, Band, Orchestra) to disinfect schools and equipment/instruments. Transportation staff will use pump sprayers to disinfect buses daily.

Electrostatic sprayers will only be used when students and staff are not present, by trained staff who are provided the proper eye protection and gloves.

Personal Protective Equipment and Training

Custodians have been trained in the use of all cleaning and disinfecting products and equipment. All cleaning and disinfecting products will be labeled with ingredients and directions for use. Staff using electrostatic sprayers will be provided goggles or face shields for use when disinfecting. Gloves will be available as necessary upon request.

Storage of Cleaning and Disinfecting Products

All cleaning and disinfecting products will be stored in concentration form in custodial closets behind locked doors.

Cleaning and Disinfecting Protocols During the School/Work Day

Staff will only use approved cleaning products and supplies provided by the district custodial team. Staff **will not** purchase or bring from home cleaning or disinfecting products (bleach, Clorox wipes, etc.) Each classroom in our schools will be provided with approved cleaning products by custodial staff. Students **will not** be allowed to use cleaning or disinfecting products while in school.

Disinfecting of high touch areas (desks, chairs, tables, door handles, etc.) by all staff should take place at a minimum twice a day (while students are at recess and while at lunch are

preferable times). The collaborative effort of all staff helping out with disinfecting will ensure we are able to keep our schools clean and safe for our students, staff, and community.

If playgrounds are used by students, staff will need to disinfect the playground equipment at least daily. Custodians will provide cleaning supplies, to include pump sprayers of approved cleaning products for staff to use to disinfect the playground equipment.

Health rooms and isolation rooms will need to be disinfected regularly during the day by building staff.

Custodians will provide additional equipment for PE and music teachers to use for cleaning sports equipment and musical instruments.

Custodians will make several passes throughout the schools during the day, concentrating on the high touch areas and heavy student traffic areas.

Cleaning and Disinfecting Protocols After the School/Work Day

After the school/work day, custodians will use electrostatic sprayers to disinfect all classrooms, restrooms, gyms, health rooms, music rooms, and other high traffic areas.

Health rooms and isolation rooms will be disinfected thoroughly by the custodial staff.

Custodians will do a thorough disinfection of isolation rooms after any student or staff member with COVID-19 symptoms leaves the room.

Classroom Closure and Cleaning Protocols for Positive COVID-19 Case In a Single Cohort

If there is a confirmed positive case of COVID-19 within a single cohort, the school district will consult with the Deschutes County Public Health (DCPH) agency to determine what areas of the school may need additional cleaning and disinfecting. When safe to do so, District custodial staff will clean the affected areas of the school with electrostatic sprayers.

School administrators will be prepared to relocate cohorts to other classrooms or repurposed learning spaces based on the advice of county health experts and their determination of when it is safe to begin using the exposed cohort classroom/learning space again.

Cleaning Protocols After a School-Wide COVID-19 Exposure

In the event of a school-wide COVID-19 exposure, the school district will consult with Deschutes County Public Health experts to determine if the school needs to close, and the duration of the closure.

The district custodial supervisor will work with the county environmental health team to determine if any additional cleaning and disinfecting protocols are needed after a school-wide exposure incident. When safe to do so, District custodial staff will clean the affected areas of the school with electrostatic sprayers.

District and school administrators will consult with county health experts to determine when the school is safe for reopening to students and staff following a school-wide exposure incident.

The following additional cleaning and disinfecting protocols will be implemented in the event of a positive case of COVID-19 in one of our schools or district facilities:

- Notify and consult with the Deschutes County Public Health department to determine the scope of cleaning and disinfecting needed.
- Assemble the district's 10-person trained team with proper PPE
- Assemble the necessary cleaning and disinfecting equipment:
 - Hydroxyl machines (large area air purifier)
 - Electrostatic sprayers (directional sprayers)
 - AM-15 Air assisted misting machines (large area air and surface disinfecting)
- Hydroxyl Machines:

The hydroxyl machines are designed to help eliminate odors and destroy bacteria and viruses in the air of enclosed rooms. The hydroxyl generator incorporates UV light to deodorize occupied areas. There are no chemicals involved in the use of the machines, so there is no requirement for a safety data sheet. Staff will only use the hydroxyl function during the day, in the isolation rooms and life skills classrooms, where additional ventilation and air purification is needed due to the lack of outdoor air circulation. The ozone function of the machines will only be turned on at night, by trained custodial staff, if there has been a confirmed or suspected case of COVID-19 in the building. The ozone function will not be utilized when the building is occupied.

Top to Bottom Cleaning and Disinfecting

- Using approved cleaners and disinfectants, the cleaning team will manually wipe down all walls, flat surfaces, desks, countertops, doors and door handles, chairs, floors, etc.
- After the manual wipe down, the team will use the electrostatic sprayer and misting machines, with approved disinfectants, to ensure the entire building/facility has been disinfected.
- Once the team is complete with the disinfection phase, the Hydroxyl/Ozone machines will be used overnight to purify the air.
- The district cleaning team will consult with Deschutes County Public Health officials to determine if any further cleaning or disinfecting procedures need to be taken, and what the timeline is for allowing staff and students to safely return to using the building.

Cleaning Protocols for Transportation

Transportation staff will conduct cleaning of high touch surfaces (bus seats, door handles, guard rails, etc.), as time allows, between routes.

Transportation staff will clean and disinfect buses at the end of their shift using the approved cleaning and disinfecting products and equipment on which they have been trained.

Custodial services will coordinate with transportation staff to provide cleaning/disinfecting equipment (pump sprayers) at schools throughout the day, so that transportation staff can clean/disinfect buses as necessary.

In the event that transportation staff need to isolate a student that is displaying symptoms of COVID-19 on their bus, the bus will return immediately after dropping students at their school to the transportation department for thorough cleaning and disinfecting. Transportation administrators will consult with county health experts to ensure that all cleaning and disinfecting protocols have been used and the bus is safe to transport students.

Additional Resources

CDC Cleaning Guidelines - [CDC Guidelines for Cleaning Schools](#)

Instrument Cleaning Guidelines - [Instrument Cleaning Guidelines](#)

Outdoor/Playground Guidelines - [OHA Outdoor/Playground Guidelines](#)