

Vehicle Disinfection Protocol



Selected Disinfectants

First Student's cross-functional team of experts has partnered with governmental agencies, health care organizations and university research teams to test & share information about disinfection methods; examining virus reaction & dwell-time, instantaneous disinfection and prolonged environment protection.

This research underpins our selected cleaning protocols and cleaning products, listed below.

1. Zoono-Z71™ Antimicrobial

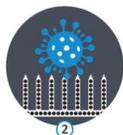
First Student's antimicrobial option is Zoono-Z71™. We selected Zoono-Z71™ because it provides strong, long-lasting antimicrobial protection against a range of bacteria, viruses and pathogens.

Zoono is different because when applied, it leaves behind a molecular layer that bonds to surfaces. These molecules form a barrier of microscopic spikes that (through ionic action of negatively and positively charged particles) attract and pierce pathogens.

How Zoono™ Destroys Viruses



1 The long lasting shield attracts pathogens



2 Pathogen makes contact with treated surface



3 Pathogen ruptures on contact with surface

Note: Zoono-Z71™ registered on EPA List A, it is pending registration on EPA List N.

2. Signet® Neutral Disinfectant DS1

If the district prefers daily disinfection, First Student has chosen Signet® Neutral Disinfectant DS1 due to its non-corrosive effect on school buses. The solution is an EPA-registered disinfectant, that is bactericidal, viricidal, fungicidal and meets the OSHA Bloodborne Pathogen standard for decontamination of blood and bodily fluids.

Note: Disinfectant used may vary based on available supply and is at First Student's discretion.



Disinfection PPE

When cleaning or disinfecting a bus, First Student employees will use the product manufacturer's recommended PPE (personal protective equipment) to minimize their exposure to disinfectants, including:

- Safety glasses with eye shields
- Cloth face cover or disposable mask
- Non-slip shoes
- Splash goggles (where applicable)
- Disposable gloves (where applicable)



Disinfection Process

1. Battery powered backpack sprayers will be used to apply disinfectant to the interior of buses.
2. Disinfectant will be applied uniformly on seat tops, the seat's front and back, bus handrails and window latches.
3. First Student's best practice for bus disinfection is using a front-to-back and then back-to-front application.



Additional Cleaning

This document outlines the best practice for all vehicles. For park out vehicles unable to return to the depot or for districts preferring daily disinfection, an EPA-registered disinfectant must be used and applied via hand sprayer.