



**Start Safe By
First Student
August 2020**

August 26, 2020

First  **Student**

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First Student's Start Safe Taskforce

First Student assembled our Start Safe Taskforce to effectively manage our response to the COVID-19 pandemic at our bus depots and to support our district partners as we collectively work to promote the health and safety of our student passengers and bus personnel.

Taskforce Focus:

- Drive change to reduce disease exposure and minimize transmission throughout our operations
- Collaborate with governmental agencies, health care organizations, university research teams and vehicle manufacturers to test disinfectants and share results
- Select best disinfectant based on:
 - Virus dwell-time
 - Virus reaction
 - Decontamination methods
 - Instantaneous disinfection
 - Prolonged environment protection



First Student's Start Safe Taskforce is comprised 20+ senior-level leaders from functions throughout our organization

At the Location and In the Shop

First Student is taking the following steps at our locations and shops to align with CDC recommendations. Additional elements may be added at the district's request.

- Face coverings are required for all employees while in common areas, and all employees are provided an individual bottle of hand sanitizer for personal use
- Social distancing is required and based on specific facility layout
 - As part of the evaluation process, we identified the top 10 most congested parts of an operational location (“pinch points”)
 - We have provided guidance on topics such as “distanced dispatching” (check-in/out, etc.), driver’s room and shop area
- Locations and shops are disinfected regularly
- Employees are instructed to conduct their own health self-screening and to stay home if they are unwell
- Signage reminds employees to be diligent in following prevention protocols

Sample location signage:



Drivers and Attendants

We are providing comprehensive health and safety training to the bus team, and we are minimizing or eliminating in-person contact as much as possible during daily operations.

- Our 2020/2021 kick-off meetings have been updated to incorporate our new Start Safe training
- Training includes which symptoms to be on the lookout for and what an employee should do if they are experiencing symptoms
- Adjustments are being made to the training environment for employee and candidate safety
- Virtual options are being provided for route, bid and kick-off meetings
- Our drivers will not perform student health checks. This decision was made for various reasons, each focused on the safety of our riders:
 - The performance of health checks would be a distraction. Drivers need to be focused on the safe operation of their vehicle, safe loading/unloading, students crossing roads, danger zones around the bus, traffic and ensuring riders are seated properly
 - Drivers are not the appropriate person to decide whether to refuse rides to kids
 - The American Academy of Pediatrics recommends that parents handle student health checks instead of transporters or school staff
 - First Student's goal is to minimize the risk of further exposure/interaction between drivers and students

Start Safe Training Module:

PPE – Cloth Face Coverings

- Introduction to your company issued face covering
- How to perform an inspection on your face covering
- How to properly use
- How to properly use between uses
- How to properly use



Feeling Sick

- If you feel sick or have the following symptoms stay home and notify your supervisor
 - New onset of shortness of breath or difficulty breathing
 - Fever
 - New onset of cough
 - Flu-like symptom



Handwashing

- Wash hands often with soap and water for at least 20 seconds
 - If soap and water not readily available, use a hand sanitizer that contains at least 60% alcohol
- Avoid touching your eyes, nose, and mouth with your hands



Social Distancing at Location



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Social Distancing on the Bus

First Student will partner with school districts to support requested solutions, including seating assignments, loading and unloading, and number of bus passengers transported on each route.

- We will work closely with districts to ensure our buses comply with their required capacity levels
- Loading will occur back to front with exiting from front to back, unless specified by a district
- Seats may be assigned to allow for daily attendance, as aligned with a district
- Stickers will convey social distancing requirements in a student-friendly way

Sample bus stickers:

BUS SEAT SOCIAL DISTANCE STICKER



- Convey onboard social distancing requirements in student-friendly way.
- One of two options available to locations.
- 8 inch round sticker, recommend 2 on each seat back.



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BUS SEAT SOCIAL DISTANCE TAPE



- Convey onboard social distancing requirements in student-friendly way.
- Second of two options available to locations.
- Two inches thick, material similar to packaging tape.



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On the Bus

First Student is following federal and state guidelines to maintain passenger safety.

- Drivers will wear a face covering while driving (unless it impairs vision), while loading/unloading the bus at school and at any time social distance cannot be maintained.
- All drivers will be trained on First Student on district-specific protocols and procedures.
- In addition to the Zoono™ or Signet® disinfectant, high touch areas will continue to be cleaned, as required
- Per the American Academy of Pediatrics, parents are always best equipped to be the final decision-makers when determining which types of products are appropriate for their student. As such, our drivers will not distribute hand sanitizer or face-coverings.
- To maintain our vehicles' safety, we do not recommend hand sanitizer stations on our buses.
 - Ancillary devices are subject to the review and approval of multiple regulatory agencies (FMVSS and DOT) prior to being installed on the bus.
 - Hand sanitation gels/fluids are alcohol-based and highly flammable. As such, larger quantities (above personal size) may not comply with FMVSS No. 302.
 - Hand sanitizers at the entrance/exit of a bus have multiple challenges:
 - Flammable materials at the entrance/exit point elevates risk in the event of an accident, wire malfunction or other event that could cause a fire or elevate bus temperature
 - Reduces safety for students on stairwell (hooked backpacks/kids not aware of surrounding/delayed onboarding)
 - Creates a potential slip fall hazard from gel/liquid that may drip or is mishandled by a student

Testing Potential Disinfectants

First Student has conducted extensive internal evaluations that assessed efficacy, application, dwell time, and compatibility with interior components of the school bus.

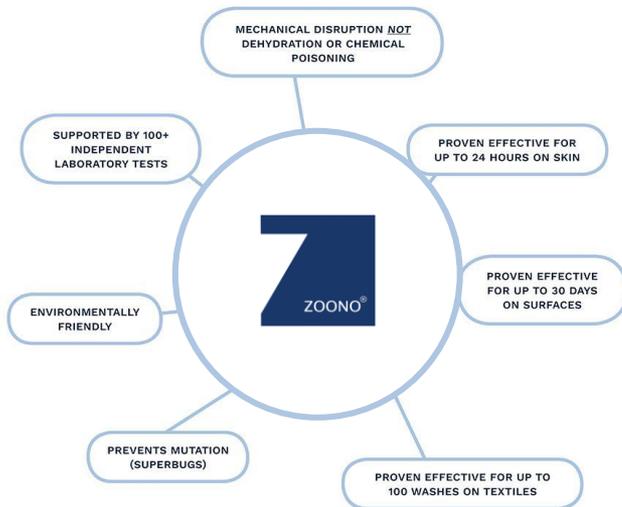
Multiparametric Evaluation:

- Primary goals:
 - Minimize spread of viruses in the school bus environment
 - Reduce exposure to children from harmful disinfectants
- 30+ disinfectant methods tested
- Pre and post application swabs submitted to an independent laboratory for initial kill “log rates” and prolonged protection (every 7 days)
- Tests conducted to ensure selected disinfectants are food-grade and safe for exposure to children
- Evaluations included accelerated interior compatibility tests via material coupon sample submersion
 - Testing administered on upholstery, foam, aluminum, steel tubing, rubber flooring, copper, brass, and electrical wiring
- Disinfectants evaluated to determine if they applied evenly, met minimum dwell time and dried without a “sticky” or “tacky” residue

Residual Option: Zoono Z71™

Based on research, testing and hands-on application,
First Student selected Zoono Z71™ Microbe Shield
Surface Antimicrobial

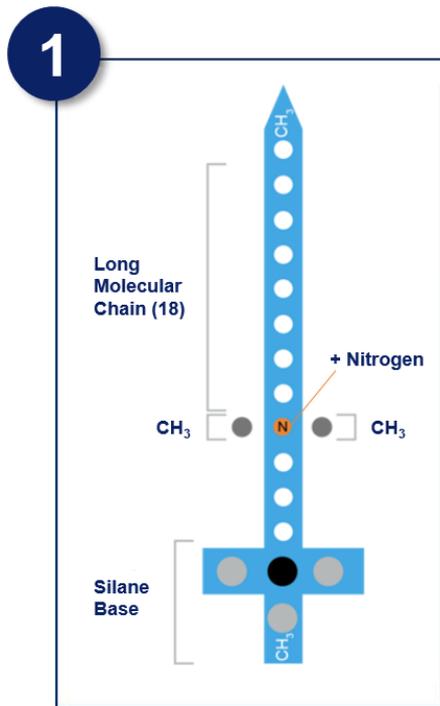
Zoono Z71™ Microbe Shield Surface Antimicrobial



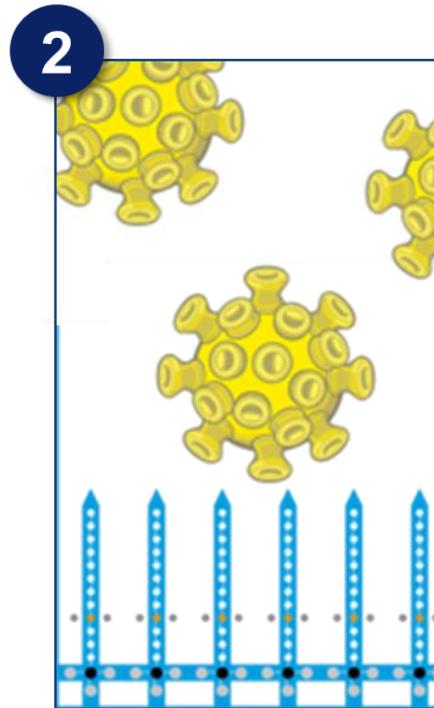
- Odor-free and non-toxic (equivalent to Vitamin C)
- Bonds to most surfaces, including those found in our vehicles (metal/glass/vinyl/plastic)
- Provides strong, long-lasting antimicrobial protection against a range of bacteria, viruses and pathogens
 - Traditional disinfectants are only effective on initial application and have no residual effect
- Creates microscopic spikes to reduce pathogens that land on the surface, essentially forming an antimicrobial shield
- Destroys viruses mechanically, eliminating the need for harsh chemicals
- Provides ease of application with the use of a sprayer. No dilution or mixing necessary
- EPA-Registered #83129-1 (List A - Antimicrobials)
 - Pending EPA List N approval

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

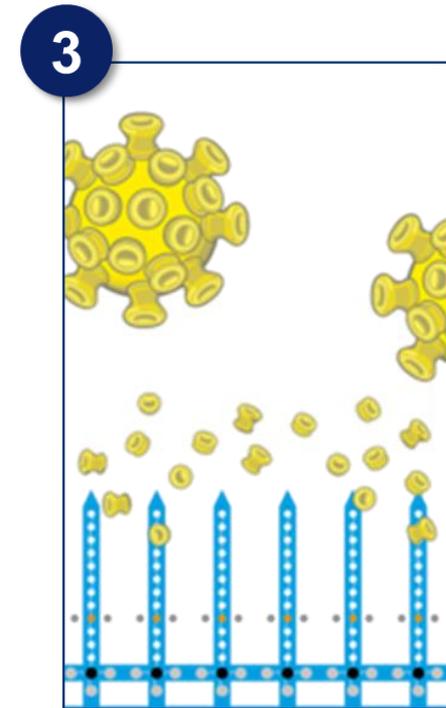
How ZOONO Z71™ Works



Zoono-Z71™ leaves behind a mono-molecular layer that permanently bonds to the surface. These antimicrobial molecules bond to the surface, forming a barrier of positively charged microscopic pins.



This antimicrobial protective layer goes beyond waiting for viruses to land. They are positively charged to attract negatively charged viruses, pulling them towards the pins to be killed.

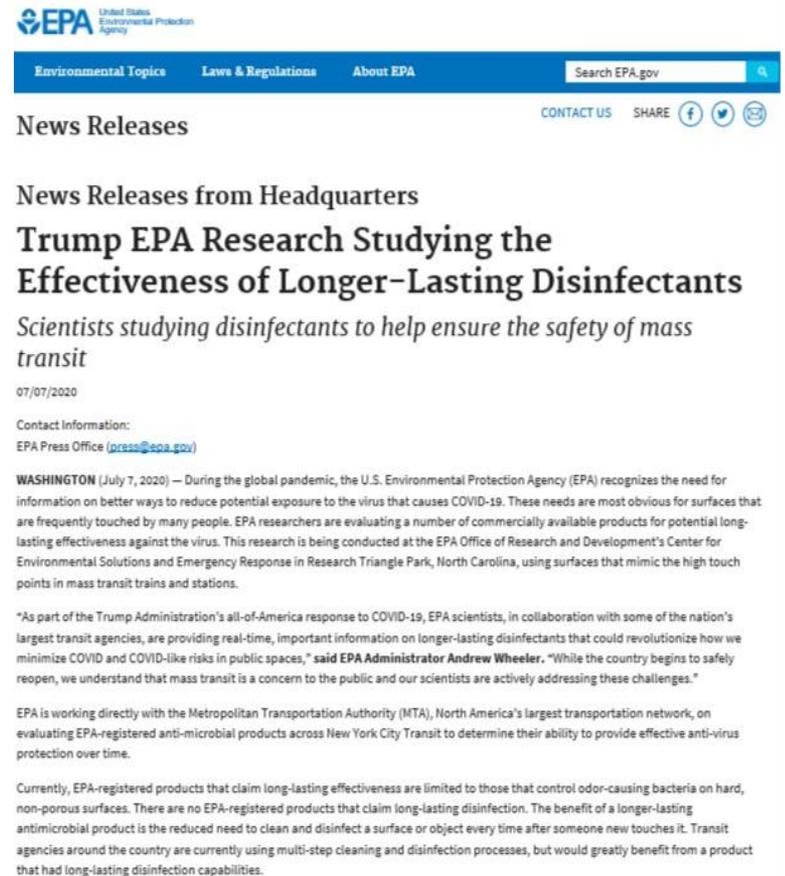


The Zoono molecule does not diminish in strength in relation to the number of pathogens killed, so it is capable of attacking new bacteria cells again and again – with only a single application.

EPA Certification

The EPA product lists offer guidance on choosing disinfectants.

- Zoono Z71™ is registered on the EPA's List A
 - Currently pending List N approval
 - Zoono Z1's™ residual efficiency has been proven outside the US
 - More widely used in the UK:
 - The London Underground "Tube"
 - UK Fire and Police Stations
 - Football Clubs
 - Known US usage:
 - Nike
 - Dallas Love Field
 - Nursing Homes
 - Schools, including 2,000 kindergartens
- First Student's selected daily disinfectant, Signet® Neutral Disinfectant DS1, is registered on List N



The screenshot shows the EPA website's news releases page. At the top, there is a navigation bar with links for 'Environmental Topics', 'Laws & Regulations', and 'About EPA', along with a search bar and social media icons. The main heading is 'News Releases', followed by 'News Releases from Headquarters'. The featured article is titled 'Trump EPA Research Studying the Effectiveness of Longer-Lasting Disinfectants' with a subtitle 'Scientists studying disinfectants to help ensure the safety of mass transit'. The date is 07/07/2020. The contact information is EPA Press Office (press@epa.gov). The text of the release discusses the EPA's research on disinfectants for mass transit during the COVID-19 pandemic, mentioning EPA Administrator Andrew Wheeler and the Metropolitan Transportation Authority (MTA).

Daily Option: Signet[®] Neutral Disinfectant DS1

First Student recommends Signet[®] Neutral Disinfectant DS1 if a daily disinfectant is preferred

Signet[®] Neutral Disinfectant DS1:



- High degree of efficacy against pathogens, viruses, bacteria, mold and spores
- Minimizes the potential negative corrosive impact to the bus; many commercial disinfectants are corrosive, which can impact critical school bus safety systems
- Disinfects, sanitizes and cleans
- Application to bus via spraying solution
- Meets surface disinfection requirements of OSHA Bloodborne Pathogens Standards
- Registered on EPA's List N as effective against SARS-CoV-2

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

Summary

First Student is committed to our partnership with our districts and ensuring the safety of our students.