

APPENDIX D2: SANITIZATION OF A SCHOOL BUS DURING A PANDEMIC

August 13, 2020

The following outlines how to safely and properly sanitize a school bus during a pandemic. It outlines all the steps required to be taken by drivers to help ensure a safe and sanitized environment for passengers aboard their school busses.

Directives

Required Materials

- Dustbane Unitab or approved alternative
- Sprayer bottle
- Paper or microfiber towel (optional)
- Water
- Nitrile or rubber gloves
- Safety glasses

Before You Begin

- Before sanitizing a school bus, you must ensure the bus is clear of any large debris. The sanitizing solution will not be able to sanitize the surfaces beneath any large debris.
- This is a multi-surface sanitizer and works on all hard surfaces including vinyl seats, glass windows, plastic controls etc. This product is not intended for soft surfaces such as cloth seats.
- Proper PPE must be worn at all time in accordance with manufacturer specification. The solution is not classified as an irritant. See Safety Data Sheet for further details. Use of gloves and safety glasses is required.

Prepare the Sprayer and the Solution

1. Remove the bottle from the sprayer.
2. **For products such as tablets**, add 1 tab to the bottle, fill with 1 liter of cold water and allow 4 to 6 minutes for the tablet to fully dissolve in the water. The solution now has an effective shelf life of 7 days. **For premixed liquid products**, add the desired quantity of solution to the sprayer bottle.
3. Reattach the bottle to the sprayer. Ensure it is securely attached.
4. Pressurize the sprayer using the built-in hand pump:

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- a. Pump until resistance is felt (between 10 and 15 pumps or as needed).
- b. Do not over pressurize the container.
5. Adjust sprayer nozzle to dispense solution as required.
6. Do not leave premix cleaning solution in vehicle overnight when there is a risk of freezing temperatures.

Sanitize the Bus

1. Start the cleaning process at the back of the bus and move forward.
2. Pull the trigger on the sprayer bottle to begin dispensing sanitization solution.
 - a. Hold the trigger down for continuous dispensing of the solution.
 - b. Re-pressurize the sprayer as needed to ensure continuous and even coverage.
3. Hold the sprayer approximately 1 foot or 30 cm from the surfaces you wish to sanitize.
4. Lightly coat all surface with the sanitization solution.
5. Apply as needed to cover all interior surfaces of your school bus.
6. Allow the solution to sit on the surface for 10 minutes to properly sanitize the surface. Typical drying time is 10 minutes but may vary depending on weather conditions, humidity etc.
7. If an excessive amount of solution has been applied to the point where there is streaking, visibility issues on windows or excessive residue, wipe the surface using a clean paper towel or microfiber towel to remove any residue.

Additional Information

- Never mix different types of cleaning or sanitizing products.
- If you are changing from one cleaning product to another, ensure you thoroughly rinse the bottle and sprayer with cold water before using the other product.
- Sanitization of the school bus must be completed at least twice per day.
 - Once after all morning runs are completed and once after all afternoon runs are completed.
 - Drivers are permitted to sanitize more frequently should time permit before or between bus runs within their allotted hours.
- Sanitization of a school bus before a trip is permitted. Ensure the vehicle is sufficiently warmed up to avoid freezing before applying the solution to the interior surfaces.
- Sanitization of the school bus must be completed after each extracurricular trip or school bus rental.

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- One bottle of sanitizing solution should be sufficient to sanitize a bus 2 to 4 times.
- More frequent sanitization of high touch surfaces such as railings can be done using products such as disinfectant wipes or any approved disinfectant solution. Care should be taken to avoid cross contamination by using different wipes or paper towel for each surface.
- Follow manufacturer directions for proper use and first aid for all disinfectants. Be sure to wash hands after each cleaning.
- District transportation managers are responsible for ordering additional sanitizing supplies, as required. Do not order directly from the DTI-VMA stockrooms.
- For more information on product, please see: <https://www.dustbane.ca/products/unitab>

Please contact your transportation manager should this product or process not be suitable for your circumstances. Alternate methods for sanitization are available (e.g., disinfectant wipes).