

# INTERvention®

## Livestock Trailer Wash Disinfection and Information Guide



Proceed  
With Certainty.

## How to Use Intervention® in Livestock Trailer Washes

### DIAGRAM 1

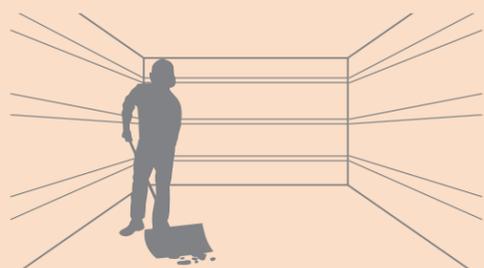
Dilute Intervention® Concentrate to the desired concentration



SELECT YOUR DILUTION	ADD INTERVENTION® CONCENTRATE	ADD WATER
<b>PRE-SOAK 1:256</b>	<b>0.5 oz</b>	<b>1 GALLON</b>
<b>DISINFECTION 1:64</b> 10 min contact time	<b>2 oz</b>	<b>1 GALLON</b>

### 1 Physically remove dirt and debris

- Remove any crates or bedding and ensure that they are cleaned and disinfected.
- With the aid of a shovel or scraper, remove as much debris from the exterior of the vehicle as possible. Be sure to also target the wheels and mud flaps in addition to the vehicle's body.
- Working from front to back, scrape out all organic matter from the interior of the vehicle. In the case of multiple levels, start from the highest level and work downward.

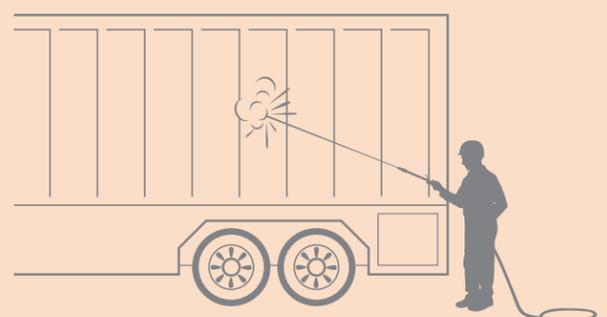


### 2 Pre-soak with Detergent

- Using a foam gun, apply Intervention® Disinfectant with hot water using a dilution of 0.5 oz per gallon of water (1:256) - see diagram 1 for dilution directions. Start with the exterior of the vehicle, working from front to back, and then proceed to spray down the inside, from bottom to top and from front to back.
- Also, be sure to target loading docks, removable floor panels, wheels and wheel wells.
- Rigorously scrub surfaces to loosen remaining debris.

### 3 Rinse with Water

- Use a pressure washer (>1000 psi) and hot water to rinse off detergent. As with every application, start with the exterior, and proceed to the interior, working from front to back. Be sure to spray the underside of fender wells and vehicle frames.

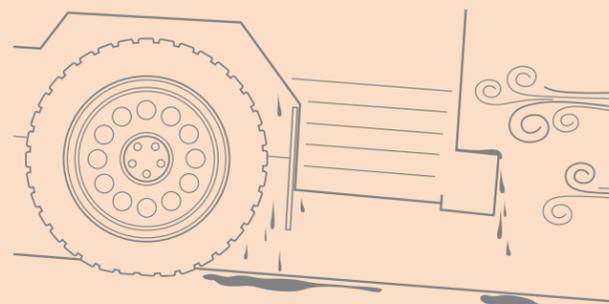


### 4 Disinfect

- Apply Intervention® Disinfectant, using a dilution of 2 oz per gallon of water (1:64 - see diagram 1 for dilution directions) to the entire surface in the same manner as used with the cleaner. Allow the disinfectant to remain on the surface for the required contact time.

### 5 Dry the entire vehicle

- Ideally, dry the vehicle with heat and ventilation, or by parking the vehicle on a slope to allow liquid to drip out.



### 6 Clean and disinfect the cab

- Remove all objects inside the cab and vacuum surfaces.
- Using Intervention® Wipes, wipe down any surfaces that the driver has touched or handled, including pedals. Use a new wipe when the wipe becomes visibly soiled or dry. Allow one minute for the disinfectant to reach its contact time.



It is your sole responsibility and crucial that you strictly adhere to the protocols outlined in this report to achieve the results indicated on the product label. Virox Technologies, the manufacturer of Intervention®, assumes, and otherwise has, no responsibility or liability whatsoever for any loss, damage or other issues resulting from improper use of the product. Please ensure that you strictly follow all the maintenance and service requirements listed by your vehicle manufacturer and that you schedule regular maintenance checks and service appointments to do so and comply therewith.



# INTERvention® Tips and Tricks

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When using Intervention® in your livestock trailer wash, there are a couple of key considerations to keep in mind before you're ready to disinfect:

## Equipment

Using a **pressure washer** (>1000 psi), in combination with Intervention® approved equipment such as the Venturi In-Line injection system, spray water to rinse off detergent. As with every application, start with the exterior, and proceed to the interior, working from front to back. Be sure to spray the underside of fender wells and vehicle frames.

## Water Temperature

Using warm or hot water through the chemical injection system when applying Intervention® during the cleaning and disinfection stage can improve the disinfection performance. Broadly speaking, for every 20°F increase in temperature the rate of disinfection will double. Temperature should not be a substitute to proper contact time but can be used as an additional safety factor.

## Contact Time

It is crucial to ensure that the disinfectant **remains wet** on all surfaces of the vehicle for the duration of the contact time.

## Testing

While equipment can help dilute your concentrated product to the correct concentration, it is still important to verify that your final solution is appropriately diluted. **Precise™ AHP425 Test Strips** can be used to verify that your dilution is correct before you begin to disinfect.

## Cold Weather

During periods of cold weather, propylene glycol can be added to maintain disinfectant efficacy under freezing conditions. For full Intervention® cold weather protocols, please visit our website:

[InterventionDisinfectants.com](https://www.interventiondisinfectants.com)

## References

1. Canadian Food Inspection Agency. (2018). National Biosecurity Standard for Livestock, Poultry and Deadstock Transportation.
2. University of Minnesota. (2011). Swine Delivery Biosecurity Protocol.
3. Pork Checkoff. (2017). Transport Quality Assurance Program, 6th Edition.
4. Ramirez (2020) Ramirez, J. Theory and Practice of cleaning and disinfection in swine biosecurity, 51st Annual Meeting of the AASV, Atlanta, March 7th-10th, 2020.

