## **TECHNICAL BULLETIN**



## RECOMMENDED PROCEDURES FOR COLD WEATHER TRAILER DISINFECTION

Adding propylene glycol to a solution of Synergize Disinfectant has been proven to be an effective method for PRRSv prevention in below freezing temperatures. However, injecting two (2) products (Synergize and PG) through a single downstream injection system, each at a different dilution rate, has been an obstacle.

To address this issue, we recommend the use of a holding or reservoir tank. Using an empty 55 gallon drum\* as our tank, follow these recommended procedures:

- 1. Fill empty drum with fifty (50) gallons of water
- 2. Add 50 ozs. of Synergize Disinfectant
- 3. Add prescribed amount of propylene glycol (2.5 10%) depending on level of freeze protection desired (see "Cold Weather Trailer Disinfection").
- 4. Mix thoroughly.
- 5. Pump solution directly from drum onto trailer (an electric pump works well for this application).

<sup>&</sup>lt;sup>†</sup>Fill tank to about 90% of capacity with water to allow for addition of Synergize and propylene glycol.

<sup>\*</sup>The use of an empty 55 gallon drum is just an example. Any size holding or reservoir tank will work. Be sure to dilute Synergize at 1:128 (1 oz. per gallon) for this cold weather application.