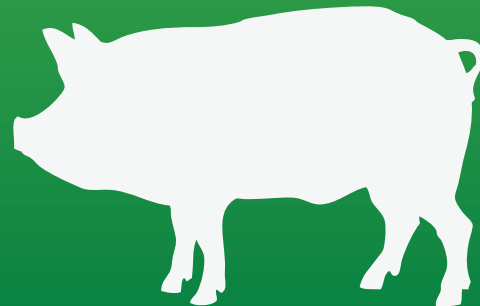


# PENQUAT FD

Effective disinfectant for animal housing facilities, poultry crates, trucks and livestock vehicles and equipment on the farm

Penquat FD kills bacteria and viruses in 10 minutes. Effective against bacteria and viruses on environmental surfaces, it helps reduce cross contamination between equipment. Penquat FD is a concentrated broad spectrum bactericidal and virucidal product formulated for one step cleaning and disinfection.



# PENQUAT FD

## CONCENTRATED BROAD SPECTRUM BACTERICIDAL AND VIRUCIDAL PRODUCT FOR USE IN ANIMAL AND POULTRY HOUSING FACILITIES

**PENQUAT FD** is the first non-phenolic, non-glutaraldehyde, non-peroxide containing disinfectant shown to be effective against Porcine Circovirus. It was developed to provide a simple solution to the disinfecting needs on a farm.

**PENQUAT FD** is an alternative to phenolic, glutaraldehyde, and peroxide containing products that is effective not only against microorganisms that could wipe out a herd or flock such as avian influenza and Newcastle disease, but also ones that lower productivity such as PRRS and Circovirus.

### FEATURES & BENEFITS

- Wide microbicidal action
- Effective against PRRS and porcine circovirus
- Effective in warm and cold water
- Effective in hard water (up to 400 ppm CaCO<sub>3</sub>)
- Effective in the presence of organic matter
- Excellent stability
- Low odor
- Can be used for one step cleaning/disinfecting
- Safe for humans and animals at recommended dilutions
- Easy to use at 1 oz/gal
- Contains 10.8% 5<sup>th</sup> generation Quaternary Ammonium compounds
- Phosphate and chlorine free
- EPA Reg. No. 10190-14

### PROVEN EFFICACY AGAINST:

- Escherichia coli O157:H7
- Staphylococcus aureus
- Salmonella enterica
- Avian Influenza H3N2 Virus
- Newcastle Disease Virus
- Porcine Circovirus Type 2
- Porcine Respiratory & Reproductive Syndrome Virus (PRRSV)
- Pseudorabies Virus
- Rotavirus
- Transmissible Gastroenteritis Virus



### STEPS FOR USE

in animal and poultry housing facilities, swine & turkey producing facilities as well as equipment in these facilities. **(See container label for specific directions for use pattern and MSDS for safety information)**

1. Remove all animals and feed. Then remove all dirt, manure, debris from floor or surface.
2. Pressure wash with water to preclean.
3. Apply an alkaline cleaner such as Premise Degreaser.
4. Rinse with high pressure water.
5. Apply PENQUAT FD to the cleaned surface at a dilution rate of 1 oz per gallon of water using conventional spraying methods.
6. Allow all treated areas to remain in contact with the solution for at least 10 minutes.
7. Ventilate buildings and other closed spaces. Do not house livestock until treatment has been absorbed, set or dried.

### PHYSICAL PROPERTIES

Appearance	Clear colorless liquid	Specific gravity @ 20°C	1.02	Foaming tendency	Moderate
Odor	Detergent	Water solubility	Complete	Boiling point	Approx. 212°F
Viscosity	Thin	Rinsability	Excellent	Freezing point	30°F
pH	12	Storage	Keep from freezing	Concentration monitoring techniques	Refractive index, titration
Incompatibility	Strong oxidizers	Flash Point (TCC)	None		