



# Z-71 MICROBE SHIELD SURFACE SANITISER & PROTECTANT



Kills Viruses, Bacteria  
& Fungi



Disinfects all  
Surfaces



Minimal  
Downtime

## Why Choose Z-71 Microbe Shield?

### Modern Technology

- Z-71 Microbe Shield is a new generation Quaternary Ammonium disinfectant.
- Z-71 Microbe Shield attaches to surfaces and offers protection against pathogens for up to **30 days\***.
- Once attached to a surface, Z-71 Microbe Shield kills pathogens by a combination of mechanical and chemical actions.
- Fogging delivery ensures superior coverage of all surfaces. Spraying allows top-up on high traffic spots.

### Broad Spectrum Activity

- Z-71 Microbe Shield is a broad-spectrum antimicrobial disinfectant and protects against bacterial, viral and fungal pathogens.
- Laboratory tests by Wageningen University in the Netherlands has demonstrated Z-71 Microbe Shield to provide a 4.5 log reduction (99.99% reduction) against African Swine Fever virus in both clean surfaces and in the presence of low levels of organic matter.
- Z-71 Microbe Shield has been approved by the Australian Governments' Therapeutic Good Administration (TGA) for use against COVID-19, bacteria and germs on hard surfaces.

### Safety and Environment

Z-71 Microbe Shield is non-corrosive, non-leaching and is both environmentally safe and food safe.



# Whole Farm Biosecurity

Z-71 is an effective disinfectant for all pig accommodation areas including farrowing sheds, nursery sheds and Eco - Shelters.

Application of Z-71 Microbe Shield to other areas of the farm including office spaces, change rooms, high touch areas and vehicle cabins will provide long lasting pathogen protection and enhance farm biosecurity.



## DIRECTIONS FOR USE:

Z-71 Microbe Shield can be used as part of the farms standard sanitation program.

1. Removal of animals from shed
2. Remove all portable equipment
3. Empty all water and feed containers
4. Remove organic matter through standard on farm cleaning protocols
5. Apply Z-71 Microbe Shield to a clean, dry surface
6. Allow to dry for 30-60 minutes

## FOG:

Apply to all surfaces with approved fogger at a rate of:

- Floor area less than 20 sq m - 250 ml per 10 sq m
- Between 20 sq m to 100 sq m - 190 ml per 10 sq m
- Greater than 100 sq m - 125 ml per 10 sq m

**Note:** Application rates vary to account for higher wall to floor ratio in smaller rooms.

## Fogging:

Fogging is a safe, simple and quick process. It is important to use a fogging device that is suitable for the area/s to be fogged. Apiam Animal Health can assist with the initial fogging process and training of farm staff on how to effectively fog facilities.

Appropriate fogging devices can be purchased through Apiam Animal Health.

Please contact us for further information.

Visit [Zoonovet.com.au](http://Zoonovet.com.au) for product information or your **Apiam Swine & Poultry team:**  
West Coast 08 9361 5550; East Coast 03 5445 5920



**Animal handling facilities**



**Rural buildings and offices**



**Vehicles & Machinery**



**Food Preparation Areas**

## SPRAY

Spray 50cm from target surfaces ensuring a misting application is achieved. Spray onto dry surfaces and allow to dry.

Ideal application for high traffic areas that may require more regular application.

