

# OINKMENT®



## The best barrier to protect from Staphylococcus.

The non-antibiotic antimicrobial action embedded in Oinkment's spray film can completely kill Staphylococcus germs in swine farms within 4 hours of being applied.

Oinkment® is a spray-on, flexi-film bandage used as a topical protective barrier that kills antibiotic-resistant Staphylococcus to support effective wound care and infection control. It's also the first wound care product that doesn't contain ingredients not approved for use on food animals.

Oinkment® spray bandage fills two vital roles in wound care. The sprayable liquid film dries to form a crucial flexible shield over wounds. This initial aspect of wound care is especially helpful for sealing cuts, abrasions, and incisions to prevent further contamination. The film's non-antibiotic antimicrobial components, embedded in the bandage, fulfill the second key requirement.

Unseen and unwelcome, established bacterial contaminants impede wound healing at the direct injury site and often spread systemically to create larger health problems.

Researchers tested the antimicrobial effect of Oinkment® spray bandage against three pathogenic Staphylococcus bacterial isolates.

This study definitively established that the non-antibiotic antimicrobial action embedded in Oinkment®'s spray film can completely kill harmful Staphylococcus organisms common in swine farms within 4 hours of being applied.



SUPPORTING DATA

### Areas of antibacterial Staphylococcus elimination in proximity to Oinkment® spray bandage (47mm applied diameter)

Organism	Oinkment bandage contact time	Antibacterial elimination diameter	Area of elimination, % of bandaged area
<b>S. aureus ATCC 6538 (MRSA)</b>	4 hours	55mm	137%
	8 hours	58mm	152%
	24 hours	57mm	147%
<b>S. aureus ATCC BAA-41 (MRSA with t002 gene reported in swine and farm workers)</b>	4 hours	62mm	174%
	8 hours	62mm	174%
	24 hours	56mm	142%
<b>S. hyicus ATCC 11249 (isolated from pig epidermis)</b>	4 hours	51mm	118%
	8 hours	47mm	100%
	24 hours	47mm	100%

Area of elimination of pathogenic Staphylococcus isolates plated and then covered with a 47mm diameter Oinkment spray bandage application for 4, 8, and 24 hours or left unbandaged.

Areas of antibacterial elimination ranged 100-174% of the Oinkment covered area. Mean of 3 replicates per time point.

\*Bacteria-free diameter includes the direct Oinkment application plus indirect elimination extending beyond the 47mm Oinkment diameter.

### Advantages

- Easy to spray, dries fast to form a flexible film bandage for abrasions, cuts, and scrapes
- Covers and seals wound to maintain clean, moist healing environment
- Antibacterial and antifungal activity
- Deters tail biting
- Soothing analgesic action
- Highly visible
- Safe, non-toxic, 100% GRAS (21 CFR) food approved components
- No preslaughter withdrawal required
- Removal and cleanup with water

### Directions for use:

Shake well before use.

For best results, clean and dry the wound and surrounding skin for good adhesion. Apply Oinkment with spray tip 6 inches from wound, spraying to completely cover the wound and overlap onto surrounding healthy skin.

Reapply every other day or as required to keep the wound sealed until satisfactory results are achieved.

Want to learn more about Oinkment® or our other innovative products that improve swine health? Contact us:

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