



A zeolite-based hygiene powder supporting drier, cleaner, and more comfortable animal housing environments.



ZEOLITE-BASED HYGIENE POWDER FOR ANIMAL HOUSING

APPLICATION GUIDANCE

APPLICATION & USE

Recommended application rate:

Approximately 50g per m²

Frequency:

Weekly under normal conditions. Increase rate or frequency during periods of high moisture or increased hygiene challenge.

Application areas include:

- Bedding and resting areas
- Calving and lambing pens
- Poultry housing
- High-traffic walkways

RESPONSIBLE USE & SAFETY

Safe Use in Animal Environments

ZorbiShield™ is designed for use in occupied animal housing when applied as directed.

- Apply evenly to clean or prepared surfaces
- Avoid excessive dust generation
- Follow standard hygiene and PPE guidelines



PACKAGING
20kg

ZorbiShield™ supports drier bedding, improved environmental hygiene, and reduced odour in livestock systems.

ZorbiShield™ is a zeolite-based hygiene powder formulated to help manage animal housing environments by controlling moisture, reducing odour, and supporting microbial load control in bedding and high-traffic areas.

Developed using processed natural zeolite and a blend of active mineral salts, ZorbiShield™ is designed for use throughout the animal production cycle, including periods of elevated moisture and organic load.



ENVIRONMENTAL pH SUPPORT



MICROBIAL LOAD SUPPORT



MOISTURE MANAGEMENT



ODOUR & AMMONIA REDUCTION

THE HYGIENE CHALLENGE

The Challenge in Animal Housing

Animal housing environments are continually exposed to:

- Moisture from urine, slurry and wash-down
- Ammonia and odorous gases from waste breakdown
- Increased microbial pressure in bedding and resting areas
- Alkaline conditions that can affect skin and hoof integrity

Effective hygiene management requires more than simple drying - it requires control of the environment as a whole.

WHY ZEOLITE MATTERS

The Role of Zeolite

Zeolite is a naturally occurring mineral with a unique porous structure that provides:

- High internal surface area
- Strong adsorption of moisture and gases
- Stability in the presence of organic matter
- A carrier matrix for active mineral components

By using zeolite as the foundation mineral, ZorbiShield™ delivers longer-lasting functional performance compared to simple surface-acting powders.



FORMULATION PHILOSOPHY

Every Ingredient Has a Purpose

ZorbiShield™ is formulated so each component contributes to environmental hygiene performance:

INGREDIENT TYPE	FUNCTIONAL CONTRIBUTION
Processed Zeolite	Moisture & gas adsorption
Iron & Copper Sulphates	Microbial activity suppression
Mono-Calcium Phosphate	Environmental buffering
Sodium Sulphate	Drying support
Chloramine-Based Component	Antimicrobial support

No filler ingredients. No reliance on inactive mineral bulk.

HOW ZORBISHIELD™ SUPPORTS ENVIRONMENTAL HYGIENE

ZorbiShield™ delivers multiple complementary hygiene functions:

MOISTURE MANAGEMENT

- Zeolite adsorbs moisture within its mineral structure
- Helps maintain drier bedding surfaces for longer

ODOUR & AMMONIA REDUCTION

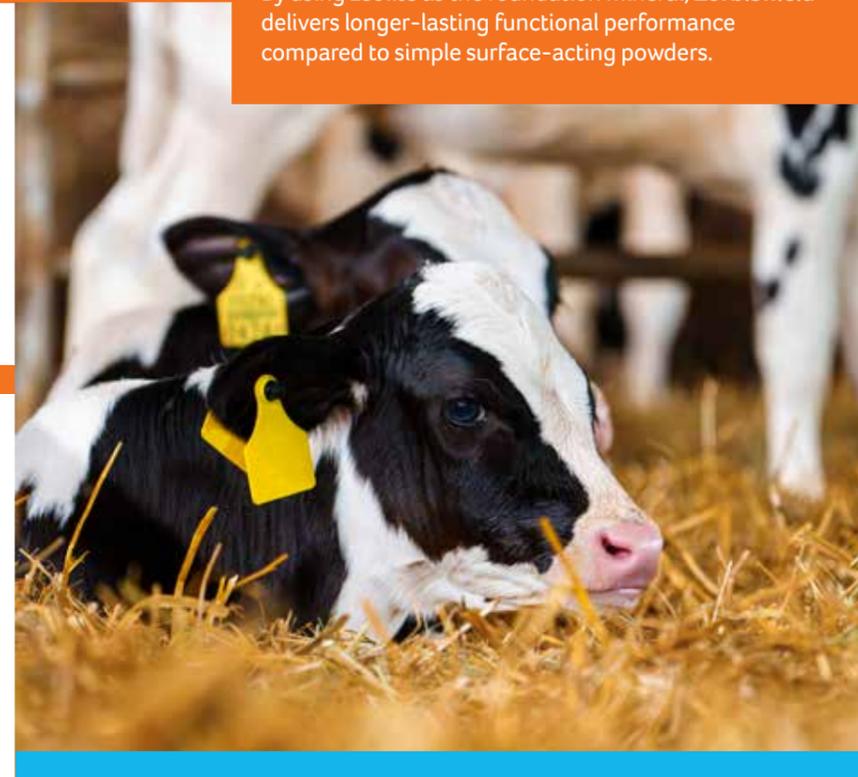
- Zeolite binds ammonia and odorous gases
- Mineral salts support stabilisation of waste by-products

MICROBIAL LOAD SUPPORT

- Copper, iron and chloramine-based components help kill and suppress microbial activity on contact
- Supports reduced pathogen pressure in bedding environments

ENVIRONMENTAL pH SUPPORT

- Helps counteract harsh alkaline conditions commonly created by animal waste



PERFORMANCE OVERVIEW

Performance Summary

FUNCTION	ZORBISHIELD™
Moisture control	✓
Odour reduction	✓
Ammonia management	✓
Support for microbial hygiene	✓
Performance in organic conditions	✓

Effective hygiene management requires more than simple drying - it requires control of the environment as a whole.