



Blue Pacific  
**MINERALS**

CLEVER *by* NATURE



NON  
TOXIC



FOR USE  
IN BEDDING



KILLS  
BACTERIA



HIGHLY  
ABSORBENT



ODOUR  
REDUCING



# ZORBIFRESH

**ACTIVE**

Actively **enhance** animal bedding

**ABSORBS** moisture & ammonia

**KILLS** bacteria

**CREATES** healthier environment for people & animals



## WHAT IS ZORBIFRESH™ ACTIVE?

ZorbiFresh™ Active uses natural **BPM** Zeolite that is mined and manufactured in the Taupo Volcanic zone of New Zealand.

Natural BPM zeolites have an extensive internal network of pores or channels, ensuring greater absorption of moisture. With added benefit of Chloramine T being effective against bacteria such as Staphylococcus aureus and E.Coli, Salmonella as soon as it is applied and keeps killing beyond 24 hours.

- A bedding additive for cows, calves, equine and swine.
- Absorbs up to 199% of its weight in moisture.
- Reduces odour for a safer environment (for both animals and farmers).
- Starts killing bacteria (including Staph aureus and E.coli) as soon as it is laid and keeps killing beyond 24 hours.

### What do the tests say

**ZorbiFresh™ Active has been tested using the industry standard laboratory efficacy evaluation test.**

- ZorbiFresh™ Active is 100% effective against Staph aureus and E. coli after 1 hour exposure
- Organic soiling of the bedding reduced the efficacy of ZorbiFresh™ Active after 1 hour exposure but 100% kill was achieved after 24 hours exposure

ZorbiFresh™ Active absorbs up to 199% of its weight in moisture, soaking up ammonia and nitrates. This prevents ammonia from turning into ammonium keeping the air fresher for longer, healthier for both animals and workers.

ZorbiFresh™ Active kills bacteria such as Staph aureus and E. coli and other gram negative and gram positive bacteria. The two major diseases leading to calf mortality are scours and pneumonia. Pneumonia is a respiratory disease, so reducing ammonia in the air surrounding calves is part of lessening the risk associated with calf housing.

*“ZorbiFresh™ Active is a lot gentler on teats with no burn on skin or teats. The cows are coming into the parlour clean and dry”.*

*Carol Booth  
Cottesbrook Farm*



## How is this suitable for use in Barns?

For the health and wellbeing of animals and staff it is important to soak up moisture and ammonia and to kill bacteria such as Staph aureus and E. coli - this is exactly what ZorbiFresh™ Active is designed to do.

**Reduces moisture:** ZorbiFresh™ Active absorbs up to 199% of its weight in moisture

**Works against bacteria:** Proven to kill bacteria such as Staph aureus and E. coli at 100% kill rate within 1 hour

**Reduces odour:** By absorbing ammonia from the bedding ZorbiFresh™ Active greatly reduces the odour in the barn

**Safer environment:** ZorbiFresh™ Active is a more natural way to absorb moisture and ammonia and to kill bacteria for a safer environment for staff and animals

## BACTERIA LOADING



**FRONT**  
690.000 CFU

**MIDDLE**  
19.000.000 CFU

**REAR**  
41.000.000 CFU

### BACTERIAL KILL RATES:

**100% effective** against Staph aureus and E. coli after 1 hour exposure

Organic soiling of the bedding  
**100% kill** after 24 hours exposure

## How should ZorbiFresh™ Active be used in barns?

ZorbiFresh™ Active is easily distributed throughout the barn by hand or with a spreader

Use from 100g-250g per square metre of animal bedding.

### SPREADER APPLICATION:



#### STEP 1

Place ZorbiFresh™ Active directly into spreader



#### STEP 2

Engage power, in this case - drill to spreader



#### STEP 3

ZorbiFresh™ Active is distributed as soon as button is pushed



#### STEP 4

Walk at a pace that allows thorough coverage but not mounds of ZorbiFresh™ Active to build up

## Is it suitable for use in calf pens?

Absolutely, the natural mineral is gentle on calves yet absorbs 199% of its weight in moisture and ammonia. It is also able to kill bacteria leaving calf pens smelling better, feeling drier and creating a healthier environment for people and animals.

Use from 100g-250g per square metre of animal bedding.



## HOW TO PREPARE THE IDEAL CALF PEN

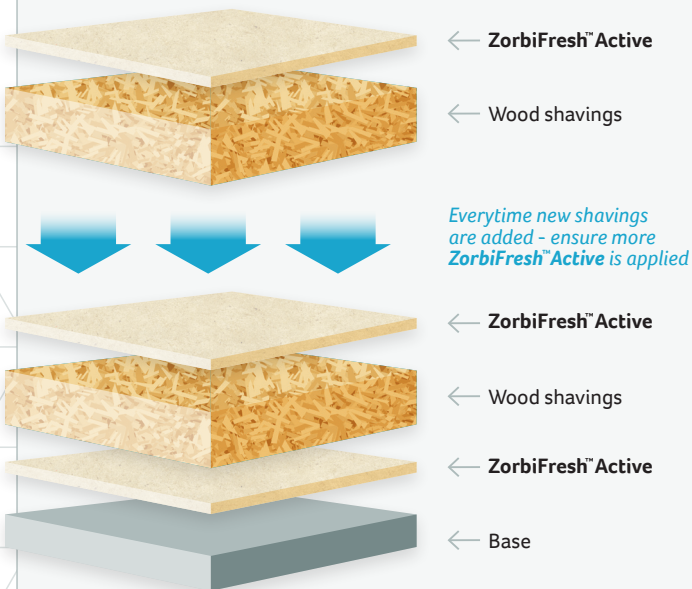
1. Start with a clean and dry base
2. Apply **ZorbiFresh™ Active** to kill bacteria present in the base
3. Lay your choice of shavings down
4. Apply **ZorbiFresh™ Active** to the shavings

*Re-apply **ZorbiFresh™ Active** once a week or as required to reduce moisture, ammonia and bacterial load*



ZorbiFresh™ Active is especially useful after a high bacterial challenge such as scours.

## OPTIMUM CALF BEDDING:



## Where else is ZorbiFresh™ Active useful?

ZorbiFresh™ Active can be useful in compost barns, horse stables, swine, poultry, kid pens and goat barns. Anywhere that requires moisture and ammonia absorption and battles with bacteria build up.

## Who are Blue Pacific Minerals?

**Blue Pacific Minerals** are a New Zealand company who are focused on bringing a more natural solution to farming challenges. They combine nature and science to produce innovative products in a wide range of applications.



**Blue Pacific**  
**MINERALS**

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