



DE-ODORASE™ CONCENTRATE

PRODUCT INFORMATION

INDICATIONS

For use in manure pits to aid in the control of odours associated with intensive livestock production.

COMPOSITION

CONCENTRATE: 300 g / kg *Yucca shidigera* extract as a free flowing powder.

DIRECTIONS

TO CONTROL MANURE PIT ODOURS

Initial treatment: Dilute 10 g DE-ODORASE™ CONCENTRATE with 1.5 litres of water and add to 1000 litres of slurry by spraying over the pit and mixing as thoroughly as possible. Repeat every 3rd day for 15 days. Following this initial treatment DE-ODORASE™ treatment should be maintained using either DE-ODORASE™ CONCENTRATE or DE-ODORASE™ FARM PAK as follows:

DE-ODORASE™ CONCENTRATE

Once weekly add 5 g to 1.5 litres of water, apply to 1000 litres of slurry.

OR

DE-ODORASE™ FARM PAK

Use in feed according to label directions.

(Note: 1000 litres = 1 cubic metre)

DISCUSSION

DE-ODORASE™ is composed of long chain polysaccharides possessing abundant chemical binding sites, which physically bond to odorous compounds including ammonia, hydrogen sulphide, skatoles and indoles. When complexed to the large DE-ODORASE™ molecules, these undesirable odour-producing compounds cannot enter the atmosphere where they can cause harm and nuisance.

DE-ODORASE™ is produced from an extract of *Yucca shidigera*, a plant found in the deserts of America and Mexico. The final product is the result of a complex extraction and concentration process designed to ensure high activity of the final product.

DE-ODORASE™ CONCENTRATE has an ammonia binding (B₅₀) value of less than 60

(typically 52-53), this means it requires less than 60mg of DE-ODORASE™ to bind 50% of the ammonia present in a standard laboratory test solution. Some so-called “Yucca products”, unlike DE-ODORASE™, are produced by simple extraction without primary concentration and standardisation of the active CI and CII polysaccharides. These inferior products can exhibit wide interbatch variance in activity as demonstrated by their B₅₀ values, which can range from 180 to 600 (1/3 to 1/10 of the minimum activity of DE-ODORASE™).

WITHHOLDING PERIOD

Nil

SCHEDULE

Exempt

STORAGE

Store below 30°C (Room Temperature). Protect from moisture.

EXPIRY AFTER MANUFACTURE

2 years (optional)

PACK SIZES

1 x 4 kg

1 x 25 kg

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