

PIGS ON SLURRY INFORMATION SHEET

PRODUCT INFORMATION

For control of ammonia and odour, and the liquefaction of solids and sludge build-up in slurry channels, holding tanks and lagoons.

PRODUCT DESCRIPTION

A dry product containing specially selected natural organisms fortified with enzyme catalysts. These organisms have been isolated from the environment as being particularly effective in liquefying and de-odourising the organic materials found in slurry channels, holding tanks and lagoons.

PERFORMANCE

EPIZYM-PIGS positively digests and liquefies all forms of organic pig waste and solids from slurry channels to holding tank and lagoons and in the process will significantly reduce levels of ammonia and odour concentration in the system. By the same process it also liquefies crusts that may form on the surface of holding tanks and lagoons, and thus reduce the need to employ expensive mechanically driven agitation equipment prior to pumping. Case histories will show the benefit to farmers in controlling and improving: -

- a) Atmosphere within the building
- b) Pig performance
- c) Local environment
- d) In time taken to clean and empty slurry channels

BENEFITS

- Easy to use one-step application procedure.
- Controlled microbiological and enzymatic activity will convert odour-forming liquid and solid waste into a soluble end product with low odour levels.
- Will reduce sludge in slurry channels and reduce

crusting on top of holding tanks and lagoons.

Fundamentally differs from conventional odour suppressing chemicals by enzymatically changing the molecular structure of odour causing organic amine compounds, including indole and skatole – two of the most potent and penetrating odours found in animal wastes. Cleaner overall house atmosphere helps improve pig health and performance.

Is non-corrosive to metal, concrete or plastic components of waste holding tanks, lagoons and slurry spreading systems

COST EFFECTIVE

- Better environment helping to improve pig health and food conversion ratios.
- Reduces time taken to empty slurry channels and lagoons and thus allows other important tasks to be performed.
- Better working conditions for staff in the pig house.
- Improves local community relations through lower odours and ammonia.
- Less leaf contamination when spreading onto crop
- Improves available nutrients to crops

PRODUCT CALCULATION

Imperial

1. Calculate final gallonage of slurry to be treated (volume of channel cu ft x 6.25)
2. Initial Purge Dose – 1kg/4500gals
3. Maintenance Dose – 1kg/9000gals

Metric

1. Calculate volume of tank = (LxBxD) metres³
2. Initial Purge – 1kg = volume / 20
3. Maintenance – 1kg = volume / 40

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APPLICATION PROCEDURES

1. Initial purge – apply the initial purge when the contents of the in house slurry channels are approximately 15cm(6in) deep, or in the case of holding tanks and lagoons when the contents reach approximately 10% capacity.

2. Maintenance – apply the maintenance dose at each emptying of the slurry channel leaving approximately 15cm(6in) of treated slurry in the bottom of the channel.

Rehydrate by stirring EPIZYM-PIGS into Luke warm water (hand hot) at 1kg to 10 litres (1lb to 1 gallon). Leave for 30 to 45 minutes and then apply directly to the slurry channels.



SHELF STABILITY

For long term stability, EPIZYM-PIGS is supplied as a dehydrated powder. To activate the micro-organisms and enzymes, mix with warm water immediately before use.

HEALTH & SAFETY

- Contains natural micro-organisms
- Harmless to humans, plants and animals
- Contains no toxic or hazardous chemicals, acids, caustics or solvents
- Biodegradable

CAUTION

- Avoid using with biocides and other detergents, as this will negate the effects.
- Do not use on absorbent surfaces.

STORAGE

Keep in a cool dry place. Do **NOT** allow the product to become damp or wet in storage.

All information given by Epizym Limited and its authorised representatives is given in good faith and to the best of its knowledge based on Epizym Limited's procedures in effect. Each user of the product must make their own determination of the suitability and amount of product required for a particular application as Epizym Limited provides no warranty or guarantee and shall accept no liability as to the results obtained from the use of the product.