

## Product Profile

<b>Name:</b>	<b>MicroZyme</b>
<b>Description:</b>	<b>MicroZyme</b> is a biological product for use in solids reduction and odor control of animal wastes stored in lagoons and other holding pits.
<b>Function:</b>	<b>MicroZyme</b> contains a unique formulation of naturally occurring viable bacteria and microbially derived enzymes together with surfactants and oxygenating components. This formulation promotes the acceleration of aerobic degradation of manure and urine wastes produced during intensive livestock housing. <b>MicroZyme</b> should be used as part of a complete waste management program. Treatment should start as the lagoon begins to fill and should be continued on a regular basis. The combination of bacteria and enzyme cocktail in <b>MicroZyme</b> speeds up the degradation of manure solids during storage. This action reduces or prevents crust formation resulting in reduced odour production and increased nitrogen retention. Treated manure has a greater fertilizer value when subsequently applied to the land.
<b>Application:</b>	Do NOT apply <b>MicroZyme</b> to lagoons that are nearly full unless long term storage is intended. Treatment should start as soon as the lagoon begins to fill and should be continued on a regular basis. <b>Initial Dosing:</b> For lagoons that are one-quarter to one-half full, add <b>MicroZyme</b> at the rate of 2 x 400g. <b>Secondary Dosing:</b> Add 1 x 400g unit per week to lagoons containing less than 500,000 litres total volume. Add 2 x 400g unit per week to lagoons containing more than 500,000 litres total volume. For all applications mix the total amount of <b>MicroZyme</b> with 10 times the volume of water and then add to passage scrapings or pump into the lagoon.
<b>Ingredients:</b>	Bacillus subtilis, Bacillus licheniformis and Bacillus amyloliquefaciens fermentation products; Cellulase, xylanase, amylase, protease and lipase; Dextrose, sodium bicarbonate, wheat, calcium silicate, vegetable oil.
<b>Storage:</b>	This product contains live microorganisms. Store in a cool dry place in original packaging.
<b>Shelf Life:</b>	Use within one year from date of purchase
<b>Packaging:</b>	Available in units of: 400 kg jars
<b>Typical Analysis:</b>	
<b>Microbial:</b>	Bacillus subtilis Bacillus licheniformis Bacillus amyloliquefaciens @ 8.0 x 10 <sup>9</sup> cfu/g total
<b>Nutritional:</b> (% D.M.)	N/A
<b>Physical Characteristics:</b>	
<b>Colour:</b>	Light brown with some dark brown particles
<b>Odour:</b>	Mild Sour
<b>Texture:</b>	Powder and granules
<b>Bulk Densities:</b>	0.86 – 0.96 g/cc
<b>Manufactured By:</b>	Micron Bio-Systems Ltd, BFF Business Park, Bath Road, Bridgwater TA6 4NZ Approved Facility (EC) 183/2005 α GB 280/0022 FEMAS Certificate No. 44567
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