

ENZYME SOLUTION



LISYME 40 is a blend of enzymes and non pathogenic bacteria formulated for treatment, start-up and maintenance of manure pits. Ensures degradation of organic residues. Ensures manure liquefaction and homogenization. Reduces odours by lowering levels of ammonia fumes.

FEATURES and BENEFITS

- Manure liquefaction and homogenization
 - Odour reduction (30% less ammonia fumes)
 - Increase in levels of organic nitrogen
 - Improves feed conversion rate and zootechnics
 - Safe to use
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- Natural enzymes
 - No impact on aquatic life
 - 100 % biodegradable enzymes
 - Patent PCT/EP2006/060244 : proven efficacy due to enzymatic synergy – renewable raw materials
 - Patent EP1025052 : enzymes catalyze the water purification process

DIRECTIONS FOR USE

Use Farms/husbandry

Application Apply the required amount of **LISYME 40**, pre-diluted in hot water directly into the pit or via drainage piping.

Dosage

Type of manure	Starting doset*	Maintenance dose
Poultry	N animals X N weeks since Introduction of animals X 0.1 ml	10 ml/100 poultry/week
Bovine	N animals X N weeks since Introduction of animals X 10.0 ml	10 ml/head/week
Pork	N animals X N weeks since Introduction of animals X 1.0 ml	1 ml/swine/week

* For full pits without crust

Shock treatment with crust present

Create an opening in the crust and add **LISYME 40** at a rate of 40ml/m³ of manure. Allow to dwell 24 hours and then apply the product to the surface of the crust. If it is not possible to create an opening in the crust, then dilute in buckets of water and apply to the surface of the crust.

LISYME 40

ENZYME-BASED MANURE TREATMENT

PHYSICAL PROPERTIES

Appearance	Brown
Odour	N/A
Specific gravity	1.1
Viscosity	N/A
pH (1%)	8,1
Flash point (TCC)	N/A
Water solubility	N/A
Auto ignition temperature	N/A
Chlorine	N/A
Boiling point	N/A
Freezing point	N/A
Foaming tendency	N/A
Concentration monitoring techniques	N/A
Rinsing	N/A

INCOMPATIBILITY

None

STORAGE

Store in original container and keep closed between 4°C and 25°C

EXPIRATION

1 year after delivery date and 6 months after opening of container.

FIRST AID MEASURES

EYE CONTACT

Wash with plenty of water for 15 minutes. Consult physician if irritation develops or persists.

SKIN CONTACT

Wash with soap and water. Consult physician if irritation develops or persists.

INHALATION

Not applicable

INGESTION

Do not induce vomiting. Drink plenty of water and contact physician.

HEALTH

0

FLAMMABILITY

0

REACTIVITY

0

LEGEND

0 = MINIMAL RISK
1 = SLIGHT RISK
2 = MODERATE RISK
3 = SERIOUS RISK
4 = SEVERE RISK

PERSONAL PROTECTION Security equipment



WHMIS



IMPORTANT : Before using LISYME 40, always be sure to read and follow precautions and directions for use appearing on the product's container label, and on the material safety data sheet (M.S.D.S).