

TECHNICAL DATA REPORT

HS 1790

MANURE DEGRADER Powdered Agricultural Waste Treatment

DESCRIPTION:

MANURE DEGRADER is a powdered blend of selectively adapted organisms blended with crude enzymes and emulsifiers.

PURPOSE:

MANURE DEGRADER is designed to liquify, digest and deodorize agricultural waste.

HOW TO USE:

1) Confinement Areas: Soak 1 kg of **MANURE DEGRADER** in 40 litres of water for approximately 2 hours. Spray solution evenly over the area to be treated at the rate of 1 litre per 10 m². When washed down, these areas will then seed drainage pits. Repeat as necessary to maintain control of odours.

2) Lagoons: Dosage rate is dependant on size of lagoon. Initial seeding dosage is 1 kg of **MANURE DEGRADER** for every 20,000 litres of waste applied weekly for 1 month. Reduce to 1 kg per 40,000 litres of waste thereafter. Application should be made through a spray system, slurring each kg of **MANURE DEGRADER** in 40 litres of water and soaking for 2 hours before spraying.

3) Waste Pits: Bacterial action breaks up gelatinous or solid matrix in waste pits. Soak 1 kg of **MANURE DEGRADER** in 40 litres of water and spray through suitable agricultural sprayer. Culture must be sprayed evenly over the entire surface to be effective in liquefying surface scum. Initial dosage of 1 kg of **MANURE DEGRADER** per 10,000 litres should be applied weekly until improvement in odour and consistency is determined (2-3 weeks). Dosage may then be reduced to 1 kg of **MANURE DEGRADER** per 25,000 litres dosed on a monthly basis.

MAIN USERS:

Meat packers, poultry plants, dairies, feed lot operators, farms, zoo's.

ADVANTAGES:

- 1) Safe to use, no acids or caustics.
- 2) Safe on all materials.
- 3) Works quickly.
- 4) Prevents build-up with regular maintenance.
- 5) Reduced odour problems.
- 6) Made from natural occurring bacteria.
- 7) Bacterial count over 3 billion per gram.
- 8) Biodegradable.

PRECAUTIONS:

Avoid excessive inhalation of product. Wash hands with warm, soapy water after handling and before resuming normal activities.
Read Material Safety Data Sheet.

SPECIFICATIONS:

Bulk density 0.5-0.6 g/cm³
Odour Yeast-like
Appearance Free-flowing tan powder
Moisture content 15%