

# ANC ENZYME SOLUTIONS PTE LTD

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## SD660P

$$\frac{100 \text{ cum}^3 \times 1\,000 \text{ liter/cum}^3 \times 1 \text{ kg/l} \times 2 \text{ parts}}{1\,000\,000} = 200 \text{ g/day}$$

### Product Specifications:

**SD660P** Manure degrader contains powerful waste digesting enzymes, micro nutrients and enzyme producing bacteria that are capable of producing high concentrations of enzymes that assist the already present natural microbes in collection pit and lagoon systems under aerobic and anaerobic condition. The enzyme complex acts to break down the organic material into water-soluble nutrients.

**SD660P** Manure degrader is used in improving the efficiency and odor control in an environmentally sound manner in livestock farms including oxidation lagoon, digester, sludge pits, collection system, facultative lagoon, aerated lagoon and other livestock wastewater treatment facilities.

### Benefits:

- Degrade organic manures in livestock farm waste.
- Eliminates ammonia, hydrogen sulfide and other undesirable gases in livestock farm.
- Create probiotic environment in livestock confinement area.
- Improves rapid recovery time from upsets.
- Natural odor control of livestock farm environment. Accelerated sludge reduction.
- Increases the waste treatment systems capacity.
- Reduces BOD, COD and SS in livestock farm final effluent.
- Environmental friendly, biodegradable component for broader activity spectrum.

### Direction for use and application rate:

Initial treatment of any waste system should be **four** times the volume of product required for normal preventative maintenance. As a general rule, normal preventative maintenance is **2** ppm of product per day, determined by the total weight of the wastewater in the system.

Example: In a 100 cum<sup>3</sup> manure pit lagoon systems, multiply 100 cum<sup>3</sup> by 1,000 liter/cum by 1 kg per liter by 2 parts and divided by 1 000 000. This equals 200 gram of **SD660P** Manure Degrader per day to be used for normal preventative maintenance treatment.

Flow rate can also be used to determine the volume of **SD660P** Manure degrader required for normal preventative maintenance. Calculate the weight of the total organic contaminated wastewater flowing into the waste treatment system and add **5 to 10 ppm** of **SD660P** Manure degrader by weight. During normal maintenance program, the point of application should be in an area which allows the product the maximum time in the system

Diluted form is subject to be use within 30 minutes of mixing. It is very important to use **SD660P** Manure degrader **EXACTLY AS DIRECTED**.

Negative effects on biological growth rates are possible in the presence of varying concentrations of heavy metal in the mix liquor solution. i.e. mercury, hexavalent chromium and inorganic cyanide wastes.

### Physical characteristics:

Appearance: Medium tan, free flowing powder with fermented odor.

Effective temperature: Min. 10, Max. 60 °C

Effective pH range: Min. 4 Max. 10

Carbon/Nitrogen: Min. 10:1, Max. 20:1

Shelf life: Min. 2 years

Do not use in the presence of acids or caustics.

### Storage condition:

For optimal shelf life, the product is best stored in cool areas under 30°C. Do not direct in sunlight. Keep container tightly closed when the product is not being removed the container.

### Precaution:

See above storage conditions. Keep out of reach of children.

### Package size:

50 kilogram drum.