



A I I M F N Z V M F S

Aquazyme WD [Waste degradation]
Eco microorganisms & specialty enzymes

Aam Enzymes
India's #1 Speciality Enzyme Products

BENEFITS

- ❖ Eco- friendly and bio-degradable
- ❖ Improves the pond environment, pond water quality and Colour
- ❖ Improves overall health of shrimps, prawns, fishes, etc
- ❖ Improves survival rates of shrimps, prawns, fishes, etc
- ❖ Improves systems biological stability
- ❖ Improves production yield
- ❖ Degrades a variety of aquatic organic waste and excess food
- ❖ Reduces sludge build up, turbidity and organic sediment in ponds
- ❖ Reduces and control foul Odour
- ❖ Reduce algae, blanket weed and duck weed
- ❖ Non pathogenic, economical and safe to handle
- ❖ Prevent building up to toxic condition in the pond
- ❖ Ensures optimal balance of phytoplankton and natural beneficial bacteria
- ❖ Helps to maintain production yields during disease and environmental stress

DESCRIPTION

Aquazyme WD is synergistic blend of various eco-microorganisms and enzymes specially produced by SSF technique and designed for waste degrading aquatic organic waste in ponds for aquaculture of shrimps, prawns and fish.

The microorganism and enzymes present in Aquazyme WD rapidly degrade aquatic organic waste, prevent building up to toxic condition and improve the pond environment in addition, Aquazyme WD increases production yields, improves pond water quality, ensure good balance of algae and colour in ponds. Aquazyme WD contains a mixture of various enzymes and eco-microorganism, which immediately start to degrade the organic waste. The nutrient salts present in Aquazyme WD help to create a medium for the microbes to produce additional enzymes, which are constantly breakdown organic waste.

PRODUCT TYPE: BROWN COLOUR POWDER

Parameter	Optimal range	Operational range
Temperature	15°C-40°C	10°C-45°C
pH	6.0 TO 9.0	5.5 TO 9.5
Odour : Yeast like	Bacterial count : 1 billion CFU /Gram	
	Type of Enzymes: Mixture of Enzymes	

TECHNICAL DATASHEET
[Aquazyme WD]

While using Aquazyme WD, it is recommended first product may be mixed thoroughly with slight wet sand [1:10 ratio] and immediately apply uniformly on to the pond water from dock or feeding boat. Early morning application advisable [before sunshine]. There are many factors that influence the perfect pond management with Aquazyme WD, such as:

- ❖ Type and size of pond
- ❖ Environment and aquaculture practices
- ❖ Feed types and feed amount
- ❖ Water salinity and temperature
- ❖ Soil preparation
- ❖ Level of contaminants
- ❖ Weekly inflow and outflow
- ❖

A typical dosage of Aquazyme WD is given below

Application period	<25pl/m ² Black tiger OR <80pl/m ² White shrimp	<25pl/m ² Black tiger OR <80pl/m ² White shrimp
7 days pre stocking	0.9-1.2 Kg/ha	1.2-1.5 Kg/ha
Day of Stocking	0.6-0.8 Kg/ha	0.6-0.8 Kg/ha
Every 7 days after stocking	0.6-0.8 Kg/ha	0.6-0.8 Kg/ha
Total amount used Kg/Crop/ha	12-16 kg	16-21 kg

STORAGE

Enzyme products should be stored in a cool dry place. When stored below 35°C products will maintain its declared activity for at least 24 months.

PAKAGING

Enzyme products are available in 25kg bag packing. Special packaging is also available on request.

SAFETY

The product is produced under hygienic condition and is subject to stringent quality control

Toxicology

The product produced by GRAS microorganism and is classified as non toxic.

Biodegradability

Product is Biodegradable.

Handling precaution

Enzymes are proteins and inhalation of dust or aerosols may induce sensitization and may cause allergic reactions in sensitized individuals. Some enzymes may irritate the skin, eyes and mucous membranes upon prolonged contact.

REGULATORY INFORMATION:

EEC Classification

In concentration form, the enzymes products are classified as “sensitizers by inhalation” under the terms of EEC directive 88/379.

TECHNICAL SERVICE:

Aum Enzymes technical service laboratory shall be pleased to provide more information covering specific applications for all products or discuss any practical problem which many occur in the industry.

Technical datasheet given with each product are only given as usage guidelines, but tests should be carried out under local conditions to fix the optimum dosage for the bio type and conditions.

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