



A U M E N Z Y M E S

*Aum Enzymes*  
India's #1 Speciality Enzyme Products

**WASTEZYME-GM [Grease trap maintenance]**  
Eco-microorganisms & enzymes

**BENIFITS**

- ❖ Eco- friendly and bio-degradable
- ❖ Lower grease disposal costs
- ❖ Control grease build-up
- ❖ Eliminates odors that lead to sanitation concerns form inspectors
- ❖ Provides pleasant odour and cleaning which creates aesthetic & healthy surrounding
- ❖ Enhances flocculation in activated sludge
- ❖ Non pathogenic, economical and safe to handle
- ❖ Effective on waste having relatively high BOD
- ❖ Improves waste system stability
- ❖ Reduce waste organics
- ❖ Reduces waste build up and turbidity
- ❖ Provides targeted degradation for a wide variety of complex waste
- ❖ Enhanced aerobic and anaerobic performance
- ❖ Degrade wide variety of substrate like organics waste oils, grease, protein, starch and carbohydrates.

**DESCRIPTION**

Wastezyme-GM is synergistic blend of various eco-microorganisms and enzymes. It is specially designed for grease trap maintenance. Wastezyme-GM is a specially formulated product with high performance eco-microorganisms and enzymes blend, developed for use in the biological waste-water treatment with a high content of grease, fats and oils. Wastezyme-GM contains surface tension retardant and loosens and liquefies heavy grease deposits, thereby assisting in their biodegradation.

The application helps in removal of grease deposits and prevention of scum formation in holding tanks, sewer, drains and aeration basins. It also helps in reduction of unpleasant odors often associated with treatment plants handling fatty wastes. Wastezyme-GM makes drain, sewer, and grease trap system work more effectively by reducing grease scum, provide a cleaner effluent, and maintaining the mobility of waste.

Wastezyme-GM contains a mixture of various enzymes and eco-microorganism, which immediately start to degrade the organic waste. The nutrient salts present in Wastezyme-GM help to create a medium for the microbes to produce additional enzymes, which are capable to degrade complex waste with high BOD[biological oxygen demand], TSS[total suspended solids] and COD[chemical oxygen demand].

**PRODUCT TYPE: BROWN COLOUR POWDER**

Parameter	Optimal range	Operational range
Temperature	20°C-40°C	15°C-45°C
pH	6.0 TO 9.0	5.5 TO 9.5
Odour : Yeast like	Bacterial count : $5 \times 10^9$ CFU /Gram	

## TECHNICAL DATASHEET [Wastezyme-GM]

While using Wastezyme-GM, it is recommended first to establish the optimal conditions for the desired waste treatment by experimenting on small scale volume. There are many factors that influence the high grease trap treatment with Wastezyme-GM, such as:

- ❖ Types of waste
- ❖ Nature of waste
- ❖ Temperature and pH of waste
- ❖ Dosage and treatment time

The dosage of Wastezyme-GM for institutional and consumer waste treatment depends on waste conditions and requirement.

### A typical dosage of Wastezyme-GM is given below

<b>Initial / Start-up dosage</b>
Day 1 to 7 dosage will be 0.007 % on volume of waste materials
<b>Maintenance dosage</b>
Weekly once dosage will be 0.005 to 0.01 % on volume of waste materials

### 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 12 months.

### PAKAGING

Enzyme products are available in 5 / 15 / 25kg foil 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:**

AumEnzymes technical service laboratory shall be pleased to provide more information covering specific applications for all products or discuss any practical problem which may 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 machine type and conditions.

### AUM ENZYMES

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