



Aum Enzymes
India's #1 Speciality Enzyme Products

GLUCOZYME 100 **Glucose Oxidase**

BENEFITS

GRAS microbial origin
Ecofriendly and biodegradable
Specific in action
High substrate specificity
Highly pure form
Useful for suitable formulation

DESCRIPTION

Glucozyme 100 is fungal glucose oxidase enzyme preparation produced by a selected strain of *Aspergillus Species*. The enzymes will cause oxidation of glucose results in the formation of gluconic acid and hydrogen peroxide.

Glucozyme 100 is suitable for use bio preservative formulation.

PRODUCT SPECIFICATION

Parameters	Operational range	Optimal range
Temperature	35 ^o C to 65 ^o C	40 ^o C to 60 ^o C
pH	4.0 to 8.0	4.5 to 7.5
Form & appearance	Free flowing Powder , light Cream color	
Enzyme Type	Fungal Glucose oxidase	
Enzyme activity	100 IU/gram	
Microbial source	<i>Aspergillus spp.</i>	

PAKAGING:

Enzymes products are available in **1/5/25 gram** packing for powder products. Product packaging in thermo safe box with low temperature maintenance. 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.

Liquid enzyme products may create inhalable aerosols if splashed or vigorously stirred. Spilled product material should therefore be flushed away with water.

STORAGE:

Enzyme products should be stored in a cool dry place. When stored below **20°C** products will maintain its declared activity for at least 24 months. The enzyme preparation should not be left in direct sunlight for extended periods.

REGULATORY INFORMATION:

EEC Classification

In concentration form, the liquid 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 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

30, Bhakti Nagar, Nr. Jalaram Mandir, BORSAD-388 540.

Dist. Anand. (Gujarat) India.

Mobile: +91-9898383455

E-mail: info@aumenzymes.com, aumenzymes@gmail.com.

Website: www.aumenzymes.com