



A U M E N Z Y M E S

Aum Enzymes
India's #1 Speciality Enzyme Products

Effluentzyme DI

Ecomicroorganism & Enzymes

BENEFITS

Ecofriendly and biodegradable

Work in acidic condition resulted by breakdown of whey.

Works well in wide range of temperature and even having high BOD.

Non pathogenic, economical, safe & works rapidly and efficiently.

Reduce turbidity, sludge build up, and the potential for anaerobic conditions.

DESCRIPTION

Effluentzyme DI is mixture of ecomicroorganism and enzymes used for biotechnological treatment specific concern with dairy waste plant. Effluentzyme DI use in biological treatment of highly putrid and foul smelling dairy effluent loaded with high organic and nitrogenous waste. The effluent which mainly consists of whey has property for continuous acid production thus changing pH act as pH shock for aquatic life. It also if not treated well invites growth of other microbial flora /pathogens.

Its application ranges from treating whey, solid milk proteins, and acidic discharge. Excessive MLSS (Mixed liquor suspended solids) of the dairy sludge is reduced, breakdown of acid whey cause the MLSS pH to become acidic which is corrected by Effluentzyme DI.

PRODUCT SPECIFICATION:

Physical form	Powder
Bacterial counts	Six billion CFU / gram
Enzymes type	Mixture
pH operational range	5.5 to 9.5
Temperature operational range	15°C to 45°C
Odour	Fermenting
Appearance	Brown powder

APPLICATION & DOSAGE

While using, Effluentzyme DI it is recommended first to establish the optimal conditions for the desired effluent treatment by experimenting on small volume. There are many factors that influence effluent treatment with Effluentzyme DI:

[1] Type of effluent [2] Nature of effluent [3] Temperature and pH [4] process time [5] Dosage

The dosage of Effluentzyme DI for dairy effluent treatment depends on effluent conditions and requirement.

STORAGE

Enzyme products should be stored in a cool dry place. When stored below 25°C products will maintain its declared activity for at least 12 months.

PAKAGING

Enzyme products are available in 25kg bag packing.

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

30, Bhakti Nagar, Nr. Jalaram Mandir,

At Post: BORSAD, Pin code: 388 540

City: Anand. (Gujarat) INDIA

Phone: +91 2696-221891, Mobile: +91- 9898383455

E-mail: info@aumenzymes.com, Website: www.aumenzymes.com