

Product Data Sheet



Valumax® A 828

Valid from 23-Jun-2005

Product Characteristics:

Enzyme Class	Cellulase
Declared activity	2000 ECU/g
Colour	Off-white and brown Colour can vary from batch to batch. Colour intensity is not an indication of enzyme activity.
Physical form	Prill
Production organism	Aspergillus oryzae Produced by submerged fermentation of a genetically modified micro organism. The enzyme protein, which is protein engineered, is separated and purified from the production organism.

Product Specification:

	Lower Limit	Unit
Cellulase Units ECU	2000	/g

Packaging:

See the standard packaging list for more information.

Recommended Storage:

Best before	When stored as recommended, the product is best used within 3 months from date of delivery.
Storage temperature	0-25°C (32°F-77°F)
Storage Conditions	In unbroken packaging - dry and protected from the sun. The product has been formulated for optimal stability. Extended storage or adverse conditions such as higher temperature or higher humidity may lead to a higher dosage requirement.

Safety and handling precautions:

Enzymes are proteins. 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. This product has been developed to resist light mechanical effects. However, excessive mechanical wear and tear or crushing may create dust. All spills, however minor, should be removed immediately. Use respiratory protection. Major spills should be carefully shovelled into plastic-lined containers. Minor spills and the remains of major spills should be removed by vacuum cleaning or flushing with water (avoid splashing). Vacuum cleaners and central vacuum systems should be equipped with HEPA filters. Wear suitable protective clothing, gloves and eye/face protection as prescribed on the warning label. Wash contaminated clothes. A Material Safety Data Sheet is supplied with all products. See the Safety Manual for further information regarding how to handle the product safely.