



ECO-FRIENDLY ENZYMATIC SOLUTIONS

About Us

Infinita Biotech Pvt. Ltd., founded in 2015, is a leading Indian multidivisional biotechnology company engaged in manufacturing eco-friendly Enzymatic solutions for a variety of industrial applications. Our company comes with technical experience professionals of over 30 years in the field of industrial Enzymes. Our products provide multiple benefits that cannot be obtained through traditional chemicals and processes such as superior quality, lower production cost, less wastage and reduced energy consumption. Our research and development centre has been recognized by the Department of Science and Industrial research (DSIR), Ministry of science and technology, Government of India.

Enzymes For Paper and Pulp

Infinita Biotech provides advanced enzymatic solutions tailored for the paper and pulp industry. This sector processes vast amounts of lignocellulosic biomass annually, using diverse technologies for pulp manufacturing. The application of microbial enzymes in pulp and paper production has significantly reduced reliance on harmful chemicals that pose environmental risks.



Enzymes tailored for the pulp and paper industry are highly specific in function, effectively contributing to various stages of paper production. They play critical roles in modifying fibers, de-inking old printed paper, bleaching pulp, and enhancing starch application on finished paper. Infinita Biotech's enzymatic innovations promote sustainable practices, improve process efficiency, and support environmental stewardship in the high-volume paper and pulp sector.

Our Products

Sr. No	Product Name	Available Forms	Enzymes Included	Functions
1	ECOENZYME - AA - HT	Liquid	High Temperature Alpha Amylase	<ul style="list-style-type: none"> It is used in the manufacturing of coated papers, a starch based coating formulation is used to coat the surface of the paper which provides improved gloss, smoothness as compared to uncoated products
2	ECOENZYME - CELL	Liquid/ Powder	Cellulase	<ul style="list-style-type: none"> This enzyme is utilized for de-inking, fiber modification and drainage improvement application in the pulp and paper industry
3	ECOENZYME - HEMP PAPER	Liquid	Multi Enzymes Blend	<ul style="list-style-type: none"> Specialised formulation for the treatment of hemp fiber to hydrolyze polysaccharides other than cellulose to make pulp for paper making process Helps in generating pure cellulose sheets and pulp
4	ECOENZYME - LIP	Liquid	Lipase	<ul style="list-style-type: none"> It breaks down triglycerides in the wood resin, in the pulp and reduces the pitch content of the wood It does not reduce the brightness of paper or yield, due to its quick action
5	ECOENZYME - XYL	Liquid	Xylanase	<ul style="list-style-type: none"> Helps to wash out more lignin from the pulp and the pulp becomes more susceptible to the bleaching chemicals, which gives a significant reduction in the need for chemicals in the subsequent bleaching stage
6	ECOENZYME - ESTERAMLIP	Liquid	Esterase	<ul style="list-style-type: none"> Helps in controlling pitches and stickies Modifies the surface of the very sticky particles and thus helps in preventing potential agglomeration