

Cellulase

Liquid cellulose-hydrolysing enzyme preparation for controlled pulp and fibre processing.

CAS No. 9012-54-8	EC / List No. 232-734-4	Transport Non-dangerous goods
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Product Information

Liquid cellulose-hydrolysing enzyme preparation for controlled pulp and fibre processing.

Specifications

Parameter	Specification
Appearance	Brown liquid
Odour	Slight fermentation
Activity	>100,000 U/mL
Total bacteria count	≤50,000 CFU/g
pH	4.8–5.2
Density	≤1.25 g/mL
Application temperature, local process reference	30–40 °C

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
pH	4.8–5.2
Density	≤1.25 g/mL

Applications

Controlled pulp-fibre modification: Cellulose-hydrolysing enzyme for technically supervised fibre treatment.

Refining and drainage trials: Process aid for selected pulp refining and drainage evaluation.

Recycled-fibre process development: Enzyme preparation for selected recycled-paper fibre treatment.

Packaging / Storage

Item	Information
Packing	200 L drums or IBC tanks
Storage	Keep tightly closed in clean compatible containers in a cool, dry area. Protect the enzyme preparation from excessive heat, direct sunlight, freezing and contamination. Follow the storage temperature on the ordered grade label.
Handling	Use enclosed low-splash transfer with adequate ventilation. Prevent enzyme aerosols and dried-residue dust; do not spray or use high-pressure cleaning. Wear gloves, eye protection and work clothing, with suitable respiratory protection when airborne enzyme cannot be controlled.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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