

ENZYMES

# BETABREAK

TECHNICAL DATA SHEET

## Description

A concentrated enzyme solution used for hydrolysing beta-glucans and non-starch polysaccharides, such as arabinoxylans. BetaBreak is produced through controlled fermentation using selected strains of *Trichoderma reesei* and *Penicillium funiculosum*.

## Benefits

- Improved mash filtration
- Decreased wort viscosity and improved run-off times
- Increased Extract
- Improved haze of finished beer
- Improved filtration performance

## Principle

Glucanase enzymes break down beta-glucans—complex polysaccharides found in malt and unmalted cereals—that can cause high wort viscosity and filtration issues. By hydrolysing these compounds during mashing, glucanases improve mash flow and enhance lautering efficiency. This results in faster wort separation, reduced risk of haze in the final beer, and improved overall brewhouse performance

### PRODUCT CODE

BETA-BREAK-1K  
BETA-BREAK-5K

### COMMODITY CODE

35079090

### PACKAGING (kg)

1, 5 kg

### STORAGE

#### Temperature

The recommended storage temperature is 5-12°C.

#### Location

Cool, sealed and away from sunlight.

Do not allow to freeze.

#### Shelf Life

At the recommended storage conditions, two years from date of manufacture.

## Application & Rates of Use

BetaBreak is typically dosed at 0.05–0.25 kg per metric tonne (MT) of grist.

### Directions for Use

For optimal performance, BetaBreak should be added directly to the mash or immediately after mashing-in.

## Guidelines For Use


- Check that the product is within its shelf life before use
- Care should be taken to avoid skin contact when handling
- Read the Safety Data Sheet prior to use

## TECHNICAL SUPPORT

+44 (0) 115 978 5494 | [techsupport@murphyandson.co.uk](mailto:techsupport@murphyandson.co.uk)

### REGULATORY COMPLIANCE INFORMATION

Refer to the 'Product Specification Sheet' or contact us on:  
+44 (0) 115 978 5494 | [compliance@murphyandson.co.uk](mailto:compliance@murphyandson.co.uk)

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For Health & Safety Information refer to the Safety Data Sheet.	Written by: Celina Dugulin
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