



ENZYMES

# TRIZYME

## TECHNICAL DATA SHEET

### Description

Trizyme is a liquid enzyme preparation specially formulated for use in the mash tun. It is a blend of  $\alpha$ -amylase,  $\beta$ -glucanase and neutral proteases from approved bacterial and/or fungal sources.

### Benefits

Trizyme has been developed to assist with mash tun and lautering problems including:

- Poor extract
- Slow run-off
- Inadequate production of assimilable nitrogen

In the fermenter, Trizyme will combat problems including:

- Slow and/or incomplete fermentations

### Principle

Trizyme is a versatile enzyme complex formulated to mitigate the challenges of using poor-quality or under-modified raw materials. It is particularly effective when working with unmalted adjuncts, such as barley, by supplying  $\alpha$ -amylase, protease, and  $\beta$ -glucanase. These enzymes ensure the production of high-quality worts with satisfactory extract levels, optimal assimilable nitrogen, and the desired degree of fermentability.

#### PRODUCT CODE

TRIZ

#### COMMODITY CODE

35079090

#### PACKAGING

5kg

25kg

#### STORAGE

Keep in original container

Keep containers sealed when not in use

#### Temperature

Maximum storage temperature

10°C

50°F

Do not allow the product to freeze

#### Location

Store in cool conditions away from direct sunlight

#### Shelf Life

At the recommended storage temperature, 24 months from the date of manufacture

## Application and Rates of Use

### Typical Addition Rates:

- Malt: 200–700 g per tonne
- Barley Adjuncts: 1–2 kg per tonne

For the best results, distribute Trizyme evenly throughout the mash. It can be added during mashing-in or immediately afterwards.

### Guideline for use

- Check that the product is within its shelf life before use
- Read the Safety Data Sheet prior to use

### TECHNICAL SUPPORT

+44 (0) 115 978 5494

[technical@murphyandson.co.uk](mailto:technical@murphyandson.co.uk)

### REGULATORY COMPLIANCE INFORMATION

Refer to the 'Product Specification Sheet'

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[compliance@murphyandson.co.uk](mailto:compliance@murphyandson.co.uk)

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|--------------------------------------------------------------------------------------|-----------------------------|
|  | Product name : Trizyme      |
|                                                                                      | Product code : TRIZ         |
|                                                                                      | Doc Ref : TDS082            |
| For Health & Safety Information refer to the Safety Data Sheet                       | Issue Date : 10/07/2026     |
|                                                                                      | Issue Number : V02          |
|                                                                                      | Written by : Celina Dugulin |
|                                                                                      | Authorised by : Iain Kenny  |