

**FLAVOUR**

# ZETOLITE 63 COPPER

TECHNICAL DATA SHEET

## Description

Zetolite 63 is a blend of naturally occurring volcanic material and copper salts, formulated to reduce sulphidic off flavours in fermented beverages.

## Benefits

- Reduces H<sub>2</sub>S and DMS off flavours in the fermented product.
- Concentrated powdered product
- Effective processing aid
- Negligible residual copper left in the product

## Principle

Zetolite 63 is a blend of naturally occurring zeolite and copper salts for use at the end of fermentation or the start of cold maturation. When sulphur-based off-aromas are detected in cold beer or cider, but low temperatures prevent natural volatilisation, Zetolite 63 provides a rapid solution. The added copper reacts with sulphides, forming insoluble copper sulphide, which is then removed along with the yeast, improving beer aroma and quality.

### PRODUCT CODE

ZET63

### COMMODITY CODE

25309000

### PACKAGING (kg)

0.5 & 10 kg

### STORAGE

Keep in original container.  
Keep containers sealed when not in use.

### Temperature

Recommended storage temperature is 5°C - 25°C.

### Location

Store in cool dry conditions away from direct sunlight.

### Shelf Life

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

## Application & Rates of Use

Zetolite 63 should be slurried with a small amount of water or the cider it will be added to before dosing. For cider production, it can also be added alongside bentonite to effectively remove sulphidic compounds. It should be introduced into the fermenter or conditioning tank with minimal aeration, but sufficient mixing. If sulphidic off-flavours are detected, dose at 2–3 g/hL of fermented beer. Avoid excessive dosing, as excess copper ions can accelerate beer staling.

## Guidelines For Use


- Check that the product is within its shelf life before use
- Experiment with additions to determine the minimum effective rates
- Read the Safety Data Sheet prior to use
- Care should be taken to avoid unnecessary skin contact during handling

## 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)

 EST. 1887 <b>MURPHY &amp; SON</b>  For Health & Safety Information refer to the Safety Data Sheet.	Product name : Zetolite 63
	Product code: ZET63
	Doc Ref: TDS086
	Issue Date: 10/03/2025
	Issue Number: V01
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