



## PRESERVATIVES &amp; STABILISERS

## MASHLIFE

## TECHNICAL DATA SHEET

## Description

MashLife is a natural extract derived from pomegranates that improves flavour stability by limiting oxidative reactions. MashLife allows selective complexation and removal of iron and copper at the onset of the brewing process and thus prevents the formation of reactive oxygen species. The selective binding to haze-forming proteins, particularly those containing thiols, further improves colloidal stability and reduces the risk of the skunky light-struck off-flavour.

## Benefits

- Increases antioxidative power
- Reduces staling (off-)flavours in beers
- Increases flavour stability during beer storage and transport
- Improved retention of hop bitterness
- Better resistance to sunlight
- Selective removal of haze forming proteins
- Improved retention of colour in pale beers
- No addition of flavour or colour directly from pomegranate extract

### PRODUCT CODE

MASHLIFE-1K

### COMMODITY CODE

13021970

### PACKAGING (KG)

1KG

### STORAGE

#### Temperature

5–25°C | 40–77°F

#### Location

Store in a clean, dry place.

#### Shelf Life

3 years from the date of manufacture if stored in a dry area in its original closed packaging.

## Application and Rates of Use

### 1. Preparation guidance:

Prepare a 10% solution using water at approximately 50°C (to improve solubilisation).

### 2. Recommended dosage points during brewing:

#### a) Kettle Addition:

- Add solution shortly before the start of boiling, before hop addition

#### b) Combined Addition:

- Use 50% of the total dosage and add solution directly into brewing water before the addition of raw materials
- Add the remaining 50% to the kettle shortly before the start of boiling (before hop addition)
- This approach is suitable for higher dosage concentrations.

### 3. Dose rates:

Dose rates are typically between 1-2.5 g/hl for pales or 2-4 g/hl for dark or high gravity beers and high gravity beers. Addition rates depend on gravity, raw material type, water type usage and pH.

## 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 | [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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