



PRODUCT NAME: FOAM HEAD STABILISER  
PRODUCT CODE: FHEAD  
CUSTOMS TARIFF/COMMODITY CODE:13012000  
PACKAGING:1KG & 25 KG

## TECHNICAL INFORMATION SHEET

### FOAM HEAD STABILISER—FOAM CONTROL

#### Description

FOAM HEAD STABILISER is a non alginate based head retention agent.

#### Benefits

- Improves the volumes and compactness of the beer head
- Protects the beer head from collapse due to grease or detergent that has not been cleaned from the glass
- Gives consistency and stability to the beer head where there are changes in the wort composition due to seasonal changes in the malt

#### Principle

FOAM HEAD STABILISER is completely neutral, tasteless, odourless and free from heavy metals. It is a free flowing powder specifically formulated for use in beer, made from materials conforming to the Food Codex and British Pharmacopoeia.

#### Application

FOAM HEAD STABILISER is added to the beer during the final stages of processing by injection into the beer line following filtration. In case of cask beers it may be added to the racking tank or direct to the cask, ensuring adequate mixing.

#### Rates of Use

Generally one would use 5-10 grams per hectolitre. The required quantity is produced by dissolving at the rate of 4 parts warm water to one part product (20 per cent). The water must be added slowly, using a mechanical mixer. It is necessary to prepare the mixture on the day of use.

#### Guidelines for use

- Check that the product is within its shelf life before use
- Carry out optimisation trials to determine the correct rate of use,
- Use precautions to avoid contact with skin and eyes
- Read the Safety Data sheet prior to use

#### Specification

|   |                                 |  |
|---|---------------------------------|--|
| Composition   | Acacia Gum, Purified            |  |
| Appearance  | Pale yellow to buff fine powder |  |
| Odour   | Free from odour                 |  |
| <u>Analysis</u>   |                                 |  |
| Mesh Size (through 250 mesh (67µm))                     | 15% Max.                        |  |
| pH (25% solution in water)                              | 4.1- 4.8                        |  |
| Viscosity (25% solution in water) Brookfield LVF 60 rpm | 60-110 mPa.s                    |  |
| Colour Index (25% solution in water)                    | 15 Max                          |  |
| Moisture  | 12% Max                         |  |
| Ash   | 4% Max                          |  |
| Insoluble Matter  | 0.15% Max                       |  |
| <u>Microbiological Exam</u>                             |                                 |  |
| Total Count   | 5000 cfu / g Max                |  |
| E.Coli  | absent in 25g                   |  |
| Salmonella  | absent in 25g                   |  |

This product is classed as acceptable for use in food by the MAFF document 'Report on the Review of Additives and Processing Aids used in the Production of Beer' (FAC/REP/26).

## Storage & Shelf life

- Store in cool conditions away from direct sunlight
- Keep in original container
- Keep containers sealed when not in use
- Maximum storage temperature is 20°C
- Recommended storage temperature is 5°C - 14°C
- Minimum storage temperature is 1°C
- The shelf life at the recommended storage temperature is 2 months from the date of manufacture

## Technical Support

For Health & Safety information on this product, please see the Safety Data Sheet (SDS)

For support and advice on the use of this product, please call or e-mail our Technical Support:-

Telephone:- + 44 (0)115 978 5494

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

For up to date information regarding, Kosher, Halal, Vegetarian, GMO status, or anything not mentioned on this tech sheet please email:-

[compliance@murphyandson.co.uk](mailto:compliance@murphyandson.co.uk) or call +44 (0)115 978 5494

## Reference

|                   |                     |                      |                      |
|-------------------|---------------------|----------------------|----------------------|
| <b>PRODUCT</b>    | FOAM HEAD STABILSER | <b>PRODUCT CODE</b>  | FHEAD                |
| <b>ISSUE No.</b>  | 2.0                 | <b>DATE</b>          | 25/07/2016           |
| <b>CREATED BY</b> | F.M.Maud            | <b>AUTHORISED BY</b> | Dr Christine Fleming |