



PennWhite

Foamdoctor F1075

foam control agent for fermentation

technical data sheet

foam control agents - food grade

Foamdoctor F1075 is a concentrated foam control agent for use in various applications where foaming is an inherent problem. **Foamdoctor F1075** has shown to be effective in the control of foam produced in wide range of fermentation applications, including, yeast, alcohol, protein, pharmaceutical and starches as well as applications with fibrous/particulate materials.

TYPICAL PROPERTIES:

| | |
|-------------------|------------------------------|
| Appearance: | Colourless liquid. |
| Specific Gravity: | 0.99 – 1.01g/cm ³ |
| Active Content: | 100%. |
| Viscosity: | Approx.1000cP |

APPLICATION INFORMATION

Foamdoctor F1075 has been scientifically designed to optimise the use of polyalkylene glycol technology, in order to meet the requirements of the wide range of applications in the fermentation industry. For most effective use, **Foamdoctor F1075** should be added continuously via a metered pump. The dosage level of **Foamdoctor F1075** required will normally be in the region of 10 –80 ppm of the volume of foaming medium. The exact dosage required will depend on the foaming propensity of the application and local conditions

PRODUCT BENEFITS

Foamdoctor F1075 is of low order toxicity, has a neutral odour and taste and has relevant food grade approvals. **Foamdoctor F1075** is silicone and silica free and therefore does not create filtration or oxygen transfer problems that can lead to reduced growth rates. Such problems can be created with products containing silicones.

PACKAGING

Foamdoctor F1075 is available in 25 litre kegs, 205 litre drums, 1000 litre IBC containers and bulk tanker.

STORAGE

Foamdoctor F1075 should ideally be stored for use in temperature conditions between minus10 °C and 40°C.

Foamdoctor F1075 has a shelf life of at least twelve months when stored in the recommended conditions in original unopened containers.

REGULATIONS & COMPLIANCE

Foamdoctor F1075 is designed to comply with current EU as well as one or more of FDA CFR 21 regulations. For further information please contact PennWhite Ltd.

Foamdoctor F1075 is approved Kosher Parev by the Manchester Beth Din.



*The above information is given in good faith for guidance purposes and does not constitute a technical specification. We recommend that **Foamdoctor F1075** should be fully tested on a small scale prior to any production scale-up to ensure that it is suitable for use with a particular organism and within a particular process.*

(OPA2/F2)

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Page 1 of 1

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