Foamdoctor F2768 is a concentrated foam control agent for use in various fermentation applications where foaming is an inherent problem.

Foamdoctor F2768 has shown to be effective in the control of foam produced in wide range of fermentation applications, including citric acid, yeast, antibiotic, alcohol, glutamic acid, enzyme, protein, pharmaceutical and nucleotide production.

**TYPICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Yellow mobile liquid.</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>Ca 0.96</td>
</tr>
<tr>
<td>Active Content</td>
<td>100%</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Ca 200 cps @ 25°C.</td>
</tr>
<tr>
<td>Dispensibility</td>
<td>Readily dispersible cold water.</td>
</tr>
</tbody>
</table>

**APPLICATION**

Foamdoctor F2768 is of low order toxicity, has a neutral odour and taste and has relevant food grade approvals. It can be safely utilised in fermentation processes where ultra filters are used since it is dispersible/self-emulsifiable in water. It is most soluble on cooling to below 20°C, hence virtually all traces of de-foamer can be removed by washing with cold water.

Foamdoctor F2768 can be used in extremely small amounts making it an extremely cost effective processing aid.

Foamdoctor F2768 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.

Foamdoctor F2768 can be easily sterilised by normal heating and/or autoclaving methods without affecting product stability or performance.

Foamdoctor F2768 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.

Foamdoctor F2768 should be added continuously via a metered pump. The dosage level required will normally be in the region of 10 – 50 ppm of the volume of culture medium. The exact dosage required will depend on the foaming propensity of the culture medium.

**REGULATIONS & COMPLIANCE**

Foamdoctor F2768 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 F2768 is approved Kosher Parev by the Manchester Beth Din.
Foamdoctor F2768
foam control agent for fermentation processes

PACKAGING
Foamdoctor F2768 is available in 25 litre kegs, 205 litre drums, 1000 litre IBC containers and bulk tanker.

STORAGE & SHELF LIFE
Foamdoctor F2768 should ideally be stored for use in temperature conditions between minus10°C and 40°C. It has a shelf life of at least twelve months when stored in the recommended conditions in original unopened containers.