Foamdoctor F1920 is a powdered foam control agent that provides foam control for biotechnology applications and ultra-filtration systems.

APPLICATIONS  
Foamdoctor F1920 powdered antifoam can be used as a process de-foamer/anti-foam in biotechnology, food processing, fermentation and water treatment applications.

Foamdoctor F1920 may be added to dry products, such as instant beverage powders, dehydrated soup mixtures, microwaveable cereal mixes, detergents and fertilizers to prevent foaming when liquid is added by the consumer at the point of use.

The active ingredients in Foamdoctor F1920 powdered anti-foam are inert, non-ionic, auto-clavable, non-toxic, non-metabolisable and will not alter bacterial growth rates or reduce yields.

Foamdoctor F1920 does not permanently foul ultra-filters and its powdered form allows for convenient weighing and measuring and is also easy to store.

TYPICAL PROPERTIES.
The information given in the table below is typical for Foamdoctor F1920 but does not constitute a specification.

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>White, free-flowing powder</td>
</tr>
<tr>
<td>Specific Gravity @ 25°C</td>
<td>0.6 – 1.3</td>
</tr>
<tr>
<td>Active Ingredient (silicone)</td>
<td>20 %</td>
</tr>
<tr>
<td>Other Ingredient (Maltodextrin)</td>
<td>80%</td>
</tr>
</tbody>
</table>

HOW TO USE  
Foamdoctor F1920 should be added directly to the foaming system. Pre-dilution is not required. A suggested starting level for evaluation is approximately 0.01% weight based on the foaming medium.

In food applications, the maximum level of Foamdoctor F1920 that can be added, per FDA regulations is 0.005% weight.

In ultra-filtration systems, Foamdoctor F1920 can be added prior to filtering. It should not cause any adverse effect on the filter. However, if filter plugging occurs the antifoam can be flushed out and the system cleaned with an appropriate cleaner. After cleaning, the system should be rinsed thoroughly with distilled water.

Foamdoctor F1920 is neither tested nor represented as suitable for medical or pharmaceutical applications.

APPROVAL STATUS  
Foamdoctor F1920 meets FDA regulation 173.340; Defoaming Agents. This means that as it contains 20% silicone it may be added at 5 times the limits outlined in applicable federal regulations.

Foamdoctor F1920 is authorized by the USDA for use in federally inspected meat and poultry plants.
Foamdoctor F1920 is certified for use in the processing of kosher foods.


Foamdoctor F1920 is authorised as a food additive following EU regulation 1129/2011, Annex II to 1333/2008.

SHELF LIFE & STORAGE

Foamdoctor F1920 has a shelf life of 36 months from date of manufacture when stored between 20ºC and 40ºC. Refer to product packaging for “Use by” date and for best results store Foamdoctor F1920 in original sealed containers in a dry environment.

PACKAGING

Foamdoctor F1920 is available in 11.3kg and 63.5kg containers and has no shipping limitations.