



PennWhite

Foamdoctor F2020B

foodsafe silicone antifoam emulsion

technical data sheet

Foamdoctor F2020B is a highly effective silicone based anti-foam emulsion, which has been developed specifically for brewing and food processing applications where a quick knockdown of foam is required.

PRODUCT FEATURES

- Outstanding reliability and versatility
- Highly effective, enabling attainment of foam control with minimum addition of non-nutrient additives
- Acceptable under UK, US and European food regulations
- Available in easy to use emulsion form
- Easily extracted from beer by normal filtration processes

TYPICAL PROPERTIES

Appearance:	White Emulsion
Activity:	20%
pH:	4 - 6
Viscosity:	Approx 1000cP
Stability:	Stable to hard water, electrolytes and neutral pH conditions
Compatibility:	Compatible with non-ionic, cationic and anionic products.

Information given above is typical for the product but does not constitute a specification.

METHOD OF USE

Foamdoctor F2020B disperses easily in both hot and cold aqueous systems, requiring only mild agitation to disperse it completely in the foaming system. For maximum efficiency and economy, We recommend the anti-foam be diluted with water before use. Dilute one volume of anti-foam to nine volumes of cool soft deionised water, the water being added slowly to the anti-foam with continual low shear agitation. For best results, the diluted anti-foam should be used within 12 hours of dilution.

The quantity of anti-foam can only be found by experiment. In general, between 100 and 500ppm is all that is required. (500ppm is 0.5 kilos of product per 1000 litres of foaming media)

TOXICITY AND HANDLING

The components of **Foamdoctor F2020B** have a very low order of toxicity, although prolonged contact with the skin or contact with the eyes may cause some irritation. See our SDS sheet for further details.

FOOD APPROVALS

European legislation has now approved Silicone oil (polydimethylsiloxane) as a direct food additive - E900. The Foamdoctor F2000 antifoams are formulated using emulsifiers, thickeners and biocides which also meet the relevant regulations for use in direct food applications.

STORAGE AND PACKAGING

Foamdoctor F2020B should be stored below 35°C and ideally should not be allowed to freeze. Shelf life is 12 months if stored in original unopened containers. This product is available in 25 kilo drums, 200 kilo drums and 1000 kilo IBC containers.

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For additional technical or safety advice call us on 01606 734820 or email info@pennwhite.co.uk

PennWhite Ltd
Aston Way
Midpoint 18 Business Park
Middlewich, CW10 0HS



Telephone: +44 (0)1606 734820
Fax: +44 (0)1606 837867
Email: info@pennwhite.co.uk
Website: www.pennwhite.co.uk