



Foamdoctor G205A

silicone antifoam emulsion

PennWhite

technical data sheet

foam control agents - general grade

Foamdoctor G205A is a high performance silicone antifoam for use in aqueous systems. The product offers substantially improved antifoam and defoamer efficiency compared with conventional silicone products. Activity is retained in use from ambient temperatures through to boiling, over a wide pH range and in the presence of electrolyte solutions. Pre-dilutions are easily prepared in cold water and remain workable for several hours with gentle agitation.

Foamdoctor G205A will tolerate high shear forces in use, therefore it is ideal for textile and paper process applications. Other applications include detergents, emulsions, adhesives, fount solutions, cutting oils, soaps, drilling muds, starches, effluent treatment, chemical processing etc.

TYPICAL PROPERTIES

	Foamdoctor G205A
Appearance:	White liquid
Type:	Silicone emulsion
Activity:	5%
Ionicity:	Non-ionic
pH (approx)	8
Relative Density:	1.0
Viscosity at 20°C (approx)	900 cps
Solubility in water:	Disperses in all proportions

APPLICATION

The range of applications is too broad to detail individually on this Data sheet. However, as examples:

a) Textile Processing: **Foamdoctor G205A** is for use in most textile processes, including scouring, bleaching, jet dyeing and carpet yarn dyeing. Ideal concentration range is 0.1 – 1.0 g/l. Pre-dilution to 10 - 20% with cold water is recommended to avoid localised concentrations of antifoam in the treatment bath.

b) Formulated Concentrates: **Foamdoctor G205A** can be used. Typical concentrations are 1 – 20 g/l.

Our technical staff will be pleased to advise customers on individual applications. We recommend potential users satisfy themselves of the suitability of the product for use in their own specific process or product prior to application in bulk quantities.

STORAGE

Foamdoctor G205A stored in sealed containers between 5°C and 30°C is stable for a minimum of 6 months. Protect from freezing.

PACKAGING

Foamdoctor G205A is available in 25kg, 120kg, 200kg drums and 1000kg IBC.

(OPA2/F2)

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Page 1 of 1

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