

BREOX FCC P22

INTRODUCTION

The **BREOX** Paper Processing foam control agents consists of 100% active polyalkylene glycols that have been specifically developed to improve various aspects of paper pulp manufacturing. They are exceptional antifoams and defoamers in aqueous systems above 0°C either singularly, or as part of a formulation.

APPLICATION

BREOX FCC P22 was developed primarily for the paper pulping and paper making industries. It may be used successfully as antifoam to reduce the amount of entrained air within a system, and as defoamer by the suppression of frothing.

BREOX FCC P22 is generally used as a 100% concentrate but may be formulated with alcohols and/or fatty acids, whilst maintaining a high level of performance.

BREOX FCC P22 has particular application in the tissue paper industry. It is best used at operating temperatures above 15°C.

The product is noted to provide the following advantages over more conventional antifoam methods,

- Maximum antifoam / defoaming efficiency at very low levels (ppm.)
- No discolouration, oil or grease spots.
- Excellent water dispersability.
- Effective and stable under extremes of pH.
- Easy handling and dosage.

Due to low cloud point characteristics the product may also be used for low temperature water applications such as the washing and transportation of vegetables. By deaerating the transport water with **BREOX FCC**, the vegetables are afforded better buoyancy and hence, a greater rate of transport can be achieved.

TYPICAL PROPERTIES

The typical values presented here are believed to be accurate, they should not however be considered to constitute a specification.

Physical Attribute	Analysis Method	Value
		FCC P22
Viscosity @40°C	ASTM D 445	350 cSt
Density @20°C	ASTM D 1298	1015 kgm ³
Flash Point (COC)	ASTM D 92	>200°C
Cloud Point (1% aqueous)	ASTM D2500	12°C
Water Content	ASTM D1744	<0.3%

BREOX FCC P22 should be added continuously by means of a micro-metering pump to areas of high agitation to ensure optimum dispersion.

Remarks

Handling & Safety:

A material Safety Data Sheet (MSDS) has been issued describing the health, safety and environmental characteristics of the BREOX FCC range of products together with handling precautions and emergency procedures. This must be consulted and fully understood before storage, handling and use.

Storage:

Revision-No.

2.5-04.2006 Effective April 3, 2006

The product can be stored for at least 2 years at ambient storage conditions and temperature without any deterioration.

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