



S H E P A R D B R O S . I N C .

# SB- ANTIFOAM 2000 FG-K

## Food Grade Organic Defoamer

### DESCRIPTION

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**SB-ANTIFOAM 2000 FG-K** is a 100% active, food grade organic defoamer prepared from naturally-derived vegetable (triglyceride) oils. It is approved under 21CFR173.340 for use as a process defoamer and can be used in systems where direct food contact is entailed. It is certified as Kosher.

**SB-ANTIFOAM 2000 FG-K** is water dispersible, but would not be considered water soluble. This permits rapid foam suppression and surface spreading in most systems but does not detract from long term antifoam persistence. The product can be applied in the neat form or introduced via a water feed system. In the latter case, in-line mixers or similar equipment can be used to ensure adequate mixing. Water dilution in a day tank or holding tank is not recommended unless the material is to be used in a relatively short period of time. **SB- ANTIFOAM 2000 FG-K** does not significantly contribute to fouling of membrane filters and spray nozzles.

### USE AND STORAGE GUIDELINES

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Use rates can vary from 50 ppm up to 1000 ppm depending upon the severity of the foam, residence time of the defoamer in the foaming system, and other environmental factors.

**SB- ANTIFOAM 2000 FG-K** is recommended for use under neutral to slightly alkaline pH conditions. A pH range of between 5.5 to 9.0 is suggested for optimum antifoam performance. **SB- ANTIFOAM 2000 FG-K** works very well at elevated temperatures. The product does not freeze if stored at cold temperatures, but does exhibit a marked viscosity increase.

Please consult your Shepard Bros sales representative if your processing conditions would dictate the use of a different type of defoamer.

### SALES SPECIFICATIONS

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| <u>Property</u>          | <u>Typical Result</u>            |
|--------------------------|----------------------------------|
| Appearance at 25°C       | Opaque, creamy yellow-tan liquid |
| Odor                     | Bland                            |
| Water Solubility         | Readily Dispersible              |
| Viscosity in cps at 25°C | 450-1500                         |
| Flash Point °F (PMCC)    | Greater than 300                 |

(Rev. 7/18)

The technical information and use suggestions herein are presented in good faith and are believed to be reliable. They do not constitute a part of our terms and conditions of sale unless specifically incorporated in our Order Acknowledgement. Nothing herein shall be deemed to constitute a warranty, expressed or implied, that said information or data are correct, or that the product described is merchantable or fit for a particular purpose, or that said information, data or product can be used without infringing patents of a third party. The purchaser must determine individually, by preliminary tests or otherwise, the suitability of this product for the intended purpose.

The above properties are typical; they are not to be considered product specifications.

## **STORAGE AND HANDLING**

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A Safety Data Sheet containing detailed information regarding the properties and safe handling of **SB- ANTIFOAM 2000 FG-K** is available on request and should be reviewed prior to using this product.

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