

# SB-Antifoam 2000 FGK



## Technical Dossier

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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.

(Rev. 7/18)

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Shepard Bros., Inc.

503 S. Cypress St. La Habra, CA 90631

(800) 645-3594













# SB-ANTIFOAM 2000 FGK

## FOOD PROCESSING ANTIFOAM



### WARNING

May be harmful if swallowed and enters airways.



**Precautionary Statements:** Do not breathe mist/vapors/spray. Wash hands thoroughly after handling.

### First Aid:

**IN CASE OF INHALATION:** Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device, such as a bag and a mask. Get medical attention immediately.

**IN CASE OF SKIN CONTACT:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Gently wash with plenty of soap and water. Wash contaminated clothing separately before reuse. Get medical attention if irritation persists.

**IN CASE OF EYE CONTACT:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do after 5 minutes and continue rinsing for an additional 15 minutes. Get medical attention if irritation persists.

**IN CASE OF INGESTION:** Do NOT induce vomiting. If conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**NOTE TO PHYSICIAN:** Treat symptomatically and supportively. Show this safety data sheet to the doctor in attendance.

**SPECIFIC TREATMENT:** See Section 4 of the SDS to reference supplemental first aid instruction if immediate measures are required.

**Storage/Disposal:** Dispose of contents and containers in accordance with local, regional, national, and international regulations.



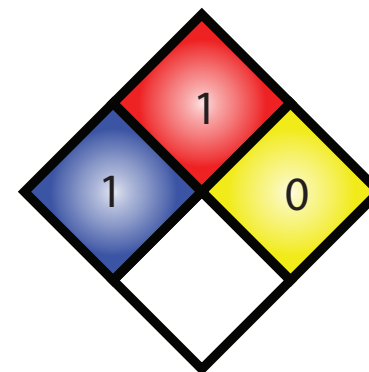
SHEPARD BROS., INC.  
503 S. CYPRESS ST.  
La Habra, CA 90631 • (562) 697-1366

**Supplemental Information:** Although this product is generally considered non-toxic, its ingestion in large quantities may be harmful. Its contact with the eyes and skin may cause mild irritation. Keep containers closed when not in use and away from ignition sources and flames. When using this product, wear protective equipment and have adequate ventilation.

KEEP OUT OF REACH OF CHILDREN.

CONTAINS: VEGETABLE OIL. TO INSURE HOMOGENEITY, THIS PRODUCT SHOULD BE THOROUGHLY MIXED PRIOR TO USE.

Contact your Shepard Bros., Inc. representative for more specific use instructions and recommended dispensing equipment.



Read safety data sheets for more detailed information.

**PROPER SHIPPING NAME: NOT REGULATED**

PRODUCT ID:

BATCH NO.:

NET CONTENTS:

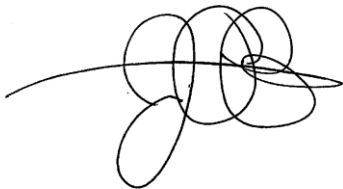
January 1, 2020

This Letter of Guarantee certifies that the Shepard Bros., Inc. product, **SB-Antifoam 2000 FGK**, is a food grade defoamer listed in 21 CFR 173.340 as a secondary direct food additive permitted in food for human consumption. All ingredients used in the manufacture of **SB-Antifoam 2000 FGK** are either GRAS or listed in the Code of Federal Regulations: Title 21, Section 173.340.

When used according to the product label directions and in accordance with Good Manufacturing Practice this product will have no deleterious effects on the foods being processed.

This product is not adulterated or misbranded nor will it leave any residue or migrants which would adulterate or cause the food products in which it is used to be adulterated or misbranded within the meaning of the Federal Food, Drug and Cosmetic Act as amended to date.

Sincerely,



Jose Arias  
Director of Compliance & Regulatory Affairs  
Shepard Bros., Inc.