



# ANTIFOAM (10%)

## GENERAL DESCRIPTION:

SAF-111 FGK Antifoam is a water dispersible, 10% active silicone emulsion containing a good grade polydimethylsiloxane fluid. SAF-11 FGK is recommended for food grade applications.

SAF-111FGK has been certified Kosher Pareve by the Kashruth Council of Canada.

## APPLICATIONS:

- ◆ Food Grade/Ready-to-use
- ◆ Effective in low concentrations
- ◆ Excellent foam control
- ◆ Readily dispersible in water
- ◆ pH stable

\*\*\* In Brewing applications, antifoam may be used in alcohol fermentation, yeast propagation, kettles, fermenters, and in treating wastewater. \*\*\*

### TYPICAL PRODUCT DATA

*(not intended for use in preparing specifications)*

<u>Property</u>	<u>Value</u>
Appearance	White
Silicone Content, %	~10
Specific Gravity @25 °C	~1.01
Viscosity @25 °C (cps)	3000 max.
Emulsifier Type	Non-ionic
Diluent	Water

## SAFETY & HANDLING:

SAF-111FGK Silicone Antifoam may be used as received or diluted prior to use. It is typically effective in very low concentrations between 1-10 ppm of active silicone solids being effective in controlling foam in many aqueous systems.

When evaluating SAF-111FGK it is suggested that testing begin at approximately 5 ppm active silicone. This starting point represents an average level of the active silicone found to be effective in many applications. The silicone antifoam level may then be adjusted in either direction to a maximum of 10 ppm to determine the optimum effective concentration for the specific system requiring foam control. When possible, the antifoam should be added prior to where the foaming occurs.

## STORAGE AND SHELF LIFE

SAF-111FGK Silicone Antifoam shows excellent stability when proper procedures are followed. Store in a cool area 4 - 27°C (40 - 80°F) in tightly closed containers. Storing the emulsion at temperatures above 46°C (115°F) will cause it to separate. SAF-111FGK contains water and should be protected from freezing. When storing a diluted antifoam for more than a few days, additional anti-bacterial preservative may be needed.

\*\*\*[For more detail about product handling & safety info, please refer to the Material Safety Data Sheet](#)\*\*\*