



# SAF-1117FGK

## PRODUCT DESCRIPTION

SAF1117FGK Anti-foam is a water dispersible, silicone emulsion containing a food grade polydimethylsiloxane fluid. SAF1117FGK is recommended for food grade applications.

## SUGGESTED APPLICATIONS

- Potato washing
- Vegetable processing
- Meat, poultry and seafood applications
- Waste water treatment

## KEY PRODUCT FEATURES

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

## FOOD STATUS

SAF1117FGK is FDA compliant. List of applicable regulations can be obtained from Silchem Inc.

SAF1117FGK is Health Canada compliant for use in foods listed in D.1, Table VIII, Division 16 of the Canada Food & Drug Act for secondary direct contact applications. *The silicone concentration must not exceed 10 ppm (parts per million).*

## KOSHER STATUS

SAF-1117K has been certified Kosher Pareve by the Kashruth Council of Canada. The code assigned to Silchem Inc. is **COR 411**.

## TYPICAL PRODUCT DATA

*(not intended for use in preparing specifications)*

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

## HOW TO USE

SAF1117FGK Silicone Anti-foam may be used as received or diluted prior to use. SAF1117FGK is typically effective in very low concentrations with between 1 - 10 ppm of active silicone solids being effective in controlling foam in many aqueous systems.

When evaluating SAF1117FGK it is suggested that testing begin at approximately 5 ppm active silicone. This starting point represents an average level of active silicone found to be effective in many applications. The silicone anti-foam 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.

To produce optimum foam control it is recommended that the anti-foam be entirely dispersed into foaming system. This may be achieved by pre-diluting the anti-foam or by ensuring that the foaming system can provide adequate agitation to disperse the anti-foam.

When possible, the anti-foam should be added prior to where the foaming occurs.

## PACKAGING AND AVAILABILITY

SAF1117FGK is supplied in 40 and 450 lb. containers and 2250 lb. totes, net weight. One pound samples are available upon request. This product may be ordered directly from Silchem Inc. or an authorized distributor nearest you.

## STORAGE AND SHELF LIFE

SAF1117FGK Silicone Anti-foam 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. SAF1117FGK contains water and should be protected from freezing. When storing a diluted anti-foam for more than a few days, additional anti-bacterial preservative may be needed.

(7/09)

**SILCHEM INC. 200 Granton Dr., Richmond Hill, Ont., Canada, L4B 1H7 Tel: (905) 709-5867 Fax: (905) 709-5942**

Inasmuch as Silchem Inc. has no control over the use to which others may use the material(s), it does not guarantee that the same results as those described herein will be obtained. Each user of the material(s) should make his/her own test to determine the materials' suitability for his/her particular use. Statements concerning possible or suggested uses of the material(s) described herein are not to be construed as consisting a license under any patent covering such use or as recommendations for use of such material(s) in the infringement of any patent. Except as herein expressly stated, Silchem Inc. does not warrant the use of the materials covered by this product data sheet in any manner whatsoever, and no warranty, expressly, implied, or statutory, is made by Silchem Inc. except as herein set forth.