



Technical Data Sheet

Brand Calsil
Market Food Processing
Product name Calsil FGF 1.000 (E900)

1. Product Description

A 100% food grade dimethyl polysiloxane fluid ideal in surface treatment, as release material, lubricant and processing aid in food processing and packaging applications.

2. Key Properties

- Inert
- Compatible with metal and plastics
- Certified for use in the processing of Kosher & Halal preparations
- FDA and EU food regulations compliant

3. Benefits

- Anti-foam agent
- Release and lubrication agent

4. Applications

- Antifoam: In non-aqueous applications, the fluid is a powerful anti-foam and de-foamer, the user should monitor the concentration in order for the silicone total content to remain within the 10 parts per million in the finished product. Throughout his process, the user should aim at using the minimum amount of fluid to achieve the desired foam control. The product can be introduced as supplied or emulsified with one of the ingredients of the preparation using hi-speed shear.
- Bottling and filling processes to avoid foam overflow and spilling: dipping into the fluid or spraying the fluid onto food-contact surfaces
- Cleaning agent formulation, for food-grade instruments or preparation surfaces
- As lubrication & release agent, diluted 0.5-3.0% in an adequate solvent

5. Typical Properties (not for sales specifications)

Properties	Units	Values
Appearance		Clear Liquid
Active Matter	%	100
Viscosity	mm ² /s	1.000
Specific Gravity		0,97

6. Handling

This document does not contain safety precautions. Before handling this material, please read the Material Safety Data Sheet, check the label on the container, and conform to the safety, physical and hazard guidelines and precautions. The Material Safety Data Sheet is available from your nearest CALDIC office.

7. Storage and Shelf Life

This product should be stored in its original unopened containers at a temperature above 0°C and below 35°C. It can be used within the 36 months following its production date.

8. Packaging

Available in 1.000 kg IBC, 200 kg Drums and 25 kg Pails.


9. Restrictions

This ingredient is solely proposed in the above listed applications, in food-contact and as food ingredient. It is not suitable to be used in medical, human injection or pharmaceutical applications.

10. Limited Warranty PLEASE READ CAREFULLY

- The information herein is offered in good faith. It is believed to be accurate at the time of shipment.
- It should not be used as a substitute for the customer's test, the customer bears the responsibility to ensure that the product matches the intended application is safe and achieves the desired benefits.
- The product warranty is limited to the refund value of the purchase or the replacement only when it is demonstrated that the product is out of the agreed sales specifications.
- Calsil is a registered trademark of CALDIC BV. All rights reserved.

For more information, please contact our nearest office

Caldic B.V.	Phone +31 (0)10 413 64 20
Westerlaan 1	info@caldic.com
3016 CK Rotterdam	www.caldic.com
The Netherlands	 Follow our latest updates on LinkedIn