



# Technical Data Sheet

**Brand** Calsil  
**Market** Food Processing  
**Product name** Calsil FCA 20

## 1. Product Description

A 20% active qualified food contact antifoam emulsion, based on activated silica in polydimethylsiloxane

## 2. Key Properties

- Stable Food contact anti-foam emulsion used in washing and rinsing baths
- Antifoam used an ingredient in food contact formulations (eg cleaners)
- Easy to dilute, even with tap water

## 3. Benefits

- High performance at low and high temperatures
- Excellent dilution stability, can be used “as supplied” or diluted down to 5%
- Contains no ingredients from animal origin

## 4. Applications

- Active anti-foam in washing and rinsing baths in the food industry
- Active anti-foam in plastics recycling industry
- Foam control ingredient in food contact detergents/cleaners

## 5. Typical Properties (not for sales specifications)

Properties	Units	Values
Appearance		Emulsion
Solid Content	%	24
pH		4 – 8
Viscosity	mm <sup>2</sup> /s	600 to 2.000
Specific Gravity		1,00

## 6. How to Use

Calsil FCA 20 can be used “as supplied” or diluted with tapwater.

## 7. Certifications

In line with food regulation, all ingredients comply with the following :

- Arrêté du 8 Septembre 1999 : valid in processes and in contact with products used in cleaning materials and objects in direct contact with food and drink products for human and animal consumption.
- Directive EEC 2002/72/EC and amendments: regarding food-contact materials and plastic objects.
- Bundesinstitut für Gesundheitlichen Verbraucherschutz und Veterinärmedizin.
- Silicones classified in Recommendation XV.
- Silica classified in Recommendation LII de la BgVV

## 8. 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.

## 9. 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 12 months following its production date.

## 10. Packaging

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


## 11. Restrictions

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

## 12. 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**

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