

**Brand** Calsil  
**Market** Chemicals  
**Product name** Calsil IAF 20

### 1. Product Description

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

### 2. Key Properties

- Outstanding reliability and versatility
- Effective at low doses
- Excellent knockdown
- Easy to use, either as is and diluted in water

### 3. Benefits

- High performance at low and high temperatures
- Excellent dilution stability, can be used “as supplied” or diluted down to 5%

### 4. Applications

- Foam control during processing in aqueous processes
- Foam control ingredient in formulations (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

This industrial grade antifoam disperses easily in both hot and cold aqueous systems, requiring only mild agitation to disperse it completely in the foaming system. For maximum efficiency and economy, however, we recommend the antifoam be pre-diluted with water before use, in the ratio of one volume of Calsil IAF 20 to four volumes of cool soft or deionised water, the water being added slowly to the antifoam with continual low shear agitation. The diluted antifoam should be used within twelve hours of dilution for best results. The quantity of Calsil IAF 20 required to control foaming can only be found by experiment. In general, between 10 and 100 ppm

## 7. 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.

## 8. 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.

## 9. Packaging

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

## 10. Restrictions


This product is solely proposed in technical applications.

It is not suitable to be used in medical, human injection or pharmaceutical applications.

## 11. 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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