

Brand Calsil
Market Chemicals
Product name Calsil IAF 100

1. Product Description

A 100% active antifoam based on activated silica in polydimethylsiloxane

2. Key Properties

- Stable industrial anti-foam compound

3. Benefits

- Easy to use, either as is or pre-diluted
- Cost efficient, effective at low doses, from about 1 to 100 mg/kg of medium to be de-foamed
- Chemically inert in foaming systems, will not alter the properties of the foaming medium

4. Applications

- Foam control agent to be used both aqueous and non-aqueous media.
- Manufacture of detergent powders, liquids and soaps
- Alkanolamine washing of natural or refinery gases
- Foam control in distillation, extraction, evaporation, dissolution and filtration applications
- Product formulations, emulsifiable concentrates and aqueous dispersions

5. Typical Properties (not for sales specifications)

Properties	Units	Values
Appearance		Opaque Liquid
Active Matter	%	100
Viscosity	mm ² /s	1.500 - 3.500
Specific Gravity		1,00

6. How to Use

Calsil IAF 100 can be used “as supplied” or diluted with suitable solvent.

For use in anhydrous media, the following diluents are recommended :

- Aliphatic hydrocarbons (hexane, heptane, white spirits)
- Aromatic hydrocarbons (benzene, toluene, xylene, naphta)
- Chlorinated hydrocarbons (trichloroethylene, perchloroethylene, carbon tetrachloride)

For use in aqueous media, the following water soluble/dispersible diluents are recommended :

- Ketones (methylethyl ketone, methylisobutyl ketone)
- Alcohols (tertiary butanol, dodecanol-1, 2-ethylhexanol)
- Ethers (ethyl ether, isopropyl ether)

Methanol, isopropanol, ethylene glycol, propylene glycol, glycerine are not recommended for diluting Calsil IAF 100.

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 ingredient is solely proposed in the 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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