

# TECHNICAL DATA SHEET

## JAF-20 20% active silicone defoamer

### Description

CHT silicone antifoam emulsions are formulated to control foam in a wide variety of industrial applications.

### Key Features

- Superior performance in high and low pH systems
- Excellent foam knockdown and persistence characteristics
- Effective in hot and cold systems
- Effective in low concentrations

### Key Applications

- Coatings
- Waste water treatment
- Oil and gas processing
- Pulp and paper

### Application

ICM JAF-20 is a water dispersible 20% active silicone defoamer, formulated to control foam in a wide variety of industrial applications, pulp and paper, oil and gas, as well as various other industrial processes. JAF-20 performs well in extreme pH systems.

### Use and Cure Information

CHT silicone antifoam emulsions can be dispersed with minimal agitation in most aqueous processing applications, however it is advisable to screen each application before use. Use product as is by adding directly into foaming system, or dilute with process liquid prior to use. Effective when added prior to foam generation or when added to control existing foam.

### Health & Safety

Read product and safety data sheets before handling this product for physical and health hazard information. The safety data sheet is available from your CHT representative.

### Limitations:

This product is not intended for pharmaceutical use.

Property	Test Method	Value
<b>Product</b>		
Appearance		<b>White liquid</b>
Color		<b>White</b>
Density	BS ISO 2781	<b>0.96-1.0 g/cm<sup>3</sup></b>
INCI Name		<b>silica-filled polydimethylsiloxane</b>
Ionicity		<b>Non-ionic</b>
MIT Free		<b>Yes</b>
Non-Volatile Content (%)		<b>24</b>
Ultralow cyclic content		<b>No</b>
<b>Uncured Product</b>		
Viscosity	Brookfield	<b>2000 cP</b>
<b>Addition Rates</b>		
Dosage - 1		<b>100-10,000 PPM active content (Dependent on regulations specific to application)</b>
<b>Storage</b>		
Max Storage Temperature		<b>38 °C / 100 °F</b>
Min Storage Temperature		<b>4 °C / 39 °F</b>
Packaging		<b>This product is available for sale as 40 lb. pails and 441 lb. drums. and 2205 lb. totes</b>
Shelf Life		<b>12 mths</b>

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The CHT technical service department is available to offer further information and advice and should it be needed to look at modifying current products or custom formulate a new one to meet your specific requirements. Please contact the technical service department.

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