



PRODUCT TECH SHEET

ZEELCHEM™DF **SILICONE DEFOAMER/Antifoam**

A Concentrated Defoamer

❖ BENEFITS

- ❖ Quick Acting
- ❖ Disperses Easily
- ❖ Effective Against A Wide Range Of Food Products
- ❖ Use in waste water treatment, oil field industries, Kettles & fermenters

❖ DESCRIPTION

ZEELCHEM™DF is a 40% silicone emulsion designed to control foam in most aqueous systems. The functional properties especially developed to prevent and eliminate excessive foam include quick dispersibility, slight insolubility, relative stability, and spread-ability, in the foaming system. All emulsifiers used in ZEELCHEM™DF are nonionic.

❖ TYPICAL PROPERTIES

Appearance 20°C	White Emulsion
pH	6-8
Emulsifier.....	Nonionic
Specific Gravity (20° C).....	1.0
Solubility in water.....	Dispersible
Silicone content.....	10 to 40%



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❖ **GENERAL USE DIRECTIONS**

SILICONE DEFOAMER contains water; freezing should be prevented. The product has a shelf life of approximately six months if stored between 5 ° to 35 °C. It is recommended that the product is stirred before use to assure uniformity of emulsion.

This is a Silicone Defoamer designed to be used in kettles while boiling and fermenters. It should be added as needed, not to exceed 200 ppms per barrel.

NOTE: Do not exceed the 200 ppm requirement as stated above.

❖ **COMPLIANCE**

The information herein is believed to be reliable, but is presented without guarantee or warranty, expressed or implied. Nothing contained herein is to be construed as a recommendation for any use, which is in violation of an existing patent.

❖ **SAFETY**

DANGER: Can be harmful if swallowed. Can cause eye irritation. This product contains surfactant

First Aid: For eye contact, flush thoroughly with cool running water for 15 minutes. Get medical attention. If swallowed, drink large amounts of water or milk. Call a physician. Wash after use. Get medical attention.