



## Technical Data Sheet

### ANTIFOAM / DEFOAMER EMULSION (SS AF - )

#### APPLICATIONS

- Effluent Treatment
- Paper Industry
- Textiles
- Detergent
- Cement processing
- Latex Manufacturing
- Polymerization Reactions
- Agrochemicals
- Paint Industries
- Fertilizers
- Oil & Natural Gas Production

#### FEATURES

- Extremely high performance, thus effective at very low concentrations (10-100 ppm)
- Stable over wide pH range
- Very good foam knock down performance
- Excellent foam control persistence
- Easy to disperse in aqueous systems

#### PACKAGING

**50 Kg & 200 Kg**

**HDPE Carboys & Drums**

#### **DESCRIPTION**

*Supreme Silicones* Antifoam Emulsion is designed to provide optimum antifoam performance combined with good dilution stability and good foam knock down performance.

SS AF Emulsions are general-purpose Antifoam / Defoamers emulsions and their viscosity and solid content can be adjusted according to demand.

#### **TYPICAL PROPERTIES**

Product Name	Appearance	Viscosity by B5 cps	% Solid content	pH	Performance 3% active	Specific Gravity
AF 540	Milky Off White Liquid	50-200	38-42	6 - 8	Less than 15 sec	0.98-1.00
AF 535		300-500	42-46	6 - 8	Less than 15 sec	0.98-1.00
AF 530		50-100	28-32	6 - 8	Less than 15 sec	0.98-1.00
AF 525		50-100	23-27	6 - 8	Less than 15 sec	0.98-1.00
AF 520		50-100	18-22	6 - 8	Less than 15 sec	0.98-1.00
AF 515		50-100	13-17	6 - 8	Less than 15 sec	0.98-1.00
AF 510		50-100	08-11	6 - 8	Less than 15 sec	0.98-1.00
AF 505		40-70	05-07	6 - 8	Less than 15 sec	0.98-1.00
AF 1500		>1500	24-26	6 - 8	Less than 15 sec	0.98-1.00

#### **HOW TO USE**

**Supreme Silicones** Antifoam Emulsion should be diluted with water prior to use to accelerate dispersion in the foaming medium. **Supreme Silicones** Antifoam Emulsion can be diluted to any required concentration as per need. The preferred method of dilution is to add water to the emulsion and not vice versa. Avoid excessive shear while dilution. Pre-process testing is recommended. Suggested starting concentration is 50 – 100 ppm depending upon foaming media.

#### **USABLE LIFE AND STORAGE**

When stored below 35°C in the original unopened containers, *Supreme Silicones* Antifoam Emulsion has a usable life of 9 months from the date of manufacturing. *Supreme Silicones* Antifoam Emulsion is unaffected by freeze/thaw cycles. If the product freezes, it should be stored at room temperature to thaw, then remixed before use.

#### **HANDLING PRECAUTIONS**

Product safety information required for safe use is not included. Before handling, read Material Safety Data Sheets (MSDS) and container labels for safe use, physical and health hazard information.

The information provided to the customers in this data sheet is intended as a guideline and is provided in good faith. Changes may occur from system to system as methods of use and conditions are beyond our control, hence **users are requested to evaluate the recommendations before actual application to get desired performance**. Supreme Silicone's sole warranty is that the product will meet the Supreme Silicone's sales specifications in effect at the time of shipment. Supreme Silicones specifically disclaims any other express or implied warranty of fitness. Supreme Silicones disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.