



Technical Data Sheet

XIAMETER™ AFE-0600 Antifoam Emulsion

Silicone antifoam emulsion

Features & Benefits

- Low viscosity
- Excellent shear stability
- Easy to use
- Effective in low dosage
- Compatible in most systems

Composition

- Silicone emulsion

Applications

- Emulsion polymerization process
- Monomer stripping process
- Latex production

Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

Property	Unit	Result
Appearance		Milky white liquid
Active Content	%	25
Specific Gravity at 25°C (77°F)		1.0
pH at 25°C (77°F)		7.0
Ionic Nature		Non-ionic
Diluent		Water

Description

XIAMETER™ AFE-0600 Antifoam Emulsion has excellent shear resistance, which is required in dilution and pumping processes. Due to its non-ionic nature, it can be used in a variety of systems, such as non-ionic, anionic, cationic surfactant or polymer systems without forming a complex.

How to Use

Additional Level

Only 10 to 1,000 parts per million (active) of XIAMETER™ AFE-0600 Antifoam Emulsion are required in most foaming systems. To determine the optimum concentration, begin with 100 parts per million of XIAMETER™ AFE-0600 Antifoam Emulsion. The results obtained at this concentration should indicate any needed change in dosage level.

Dilution

XIAMETER™ AFE-0600 Antifoam Emulsion is easily diluted with water. Ideally, the water temperature should be below 35°C (95°F).

Handling Precautions

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

Usable Life and Storage

Product should be stored at or below 40°C (104°F) in original, unopened containers.

If product separates during storage, re-mix prior to use.

Limitations

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

Not intended for human injection. Not intended for food use.

Health and Environmental Information

To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, dow.com or consult your local Dow representative.

Disposal Considerations

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Technical Representative for more information.

Product Stewardship

Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products — from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

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