



Technical Data Sheet

XIAMETER™ ACP-1400 Antifoam Compound

Foam preventative for aqueous and nonaqueous industrial processes

Features & Benefits

- Economical
- Easy to use
- Effective in extreme pH environments

Composition

- Translucent, gray, compounded silicone fluid

Applications

XIAMETER™ ACP-1400 Antifoam Compound gives excellent performance in a wide range of applications including extreme pH systems. Some typical uses include:

- Resin manufacturing
- Cutting oils
- Detergents
- Oil refining
- Solvent processing

Typical Properties

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

Property	Unit	Result
Appearance		Translucent gray
Active Ingredient	percent	100
Specific Gravity at 25°C (77°F)	1.03	
Viscosity	cSt	2,500
Flash Point	°C (°F)	> 200 (> 392)
Recommended Dispersants		Aliphatic, aromatic and chlorinated solvents

Description

XIAMETER ACP-1400 Antifoam Compound is a silicone foam control agent that is 100 percent active. Effective in both aqueous and nonaqueous systems, it can be used in concentrations as low as one part per million.

UNRESTRICTED – May be shared with anyone

™Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

XIAMETER™ ACP-1400 Antifoam Compound

© 2017 The Dow Chemical Company. All rights reserved.

How To Use

Amount Needed

XIAMETER ACP-1400 Antifoam Compound works effectively in very low concentrations. One to 100 parts of antifoam per million parts foamer are sufficient to eliminate most foams. Begin trials at higher use levels (50 ppm active silicone), then work down to the level of foam control desired. The following are parts per million equivalents:

3.34 ounces in 500 gallons	50 ppm
6.67 ounces in 1,000 gallons	50 ppm
16.68 ounces in 2,500 gallons	50 ppm
5.0 quarts in 25,000 gallons	50 ppm

Adding the Antifoam

To produce optimal foam, the antifoam must be completely dispersed in the foaming medium. Follow these steps to achieve complete dispersion:

1. Agitate the product prior to use.
2. Predilute with 3 to 10 parts of a suitable low-viscosity diluent to aid in dispersion. Add the antifoam to the diluent with slow mixing. Prediluted material should be used immediately. For solvent systems, XIAMETER ACP-1400 Antifoam Compound may be predispersed in solvents such as kerosene, amyl acetate, 2-ethylhexanol, Stoddard solvent or toluene.
Note: When using any solvent, follow manufacturer's recommended safe handling instructions and any federal, state or local regulations.
3. Add the antifoam prior to the point where foaming occurs within the system, if possible.
4. When used as supplied, the antifoam can also be wiped on filling nozzles, rims of processing vats or on a screen suspended over the surface of a foamy system.

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 WWW.CONSUMER.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.

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.

Shipping Limitations

None.

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, www.consumer.dow.com or consult your local Dow representative.

<http://www.xiameter.com>

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

Dow's sole warranty is that our products will meet the sales specifications in effect at the time of shipment.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, DOW SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY.

DOW DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

