

XIAMETER® ACP-0001 Antifoam Compound

Silicone fluid for prevention of foam in water- and nonwater- based industrial processes

FEATURES

- Economical
- Easy to use
- Effective in low concentrations

COMPOSITION

- Compounded silicone fluid supplied as opaque, gray liquid

INCI: Dimethicone

APPLICATIONS

Effective in a variety of industrial processes and products. Typical uses include:

- Paper and textiles
- Distillation systems
- Asphalt manufacturing
- Lubricating

TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local XIAMETER® sales representative prior to writing specifications on this product.

Test	Unit	Value
Appearance		Opaque, gray
Active Ingredient	%	100
Viscosity at 25°C (77°F)	cP	1500
Specific Gravity at 25°C (77°F)		0.97
Recommended Dispersants		Aliphatic, aromatic and chlorinated solvents and glycols

DESCRIPTION

XIAMETER® ACP-0001 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. This antifoam compound is specifically manufactured for industrial applications. Agitation of the product prior to use is required.

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

HOW TO USE

Amount Needed

XIAMETER ACP-0001 Antifoam Compound is effective in very low concentrations. One to 100 parts 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.

Adding the Antifoam

To produce optimal foam control, it is necessary to have the antifoam 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 dispersion. Add the antifoam to the diluent with slow mixing.

Prediluted material should be used immediately.

For solvent systems,
XIAMETER ACP-0001

Antifoam Compound may be predispersed in solvents such as kerosene, amyl acetate, 2-ethylhexanol, Stoddard solvent or toluene.

NOTE: When using any solvent, always provide adequate ventilation. Follow precautions on solvent container label.

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 foaming system.

HALAL COMPLIANCE

Please contact your local XIAMETER representative for current Halal compliance documentation.

PRODUCT SAFETY INFORMATION

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, ENVIRONMENTAL, AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE XIAMETER® WEBSITE AT WWW.XIAMETER.COM.

STORAGE

Product should be stored at or below 32°C (90°F) in original, unopened containers. The most up-to-date shelf life information can be found on the XIAMETER website in the Product Detail page under Sales Specification.

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.

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.

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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.

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