



Technical Data Sheet

XIAMETER™ ACP-1920 Powdered Antifoam

Foam control for various biotechnology applications and ultrafiltration systems

Features & Benefits

- Easy-to-use
- FDA-permitted for many food use
- Ready to use

Composition

- White, fluffy powder silicone antifoam

Applications

- XIAMETER™ ACP-1920 Powdered Antifoam can be used as a process defoamer/antifoam in food processing, brewing, and water treatment applications. It may be added to dry products, such as microwaveable cereal mixes, detergents and fertilizers, to prevent foaming when liquids are added at the point of use.

Typical Properties

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

Property	Unit	Result
Appearance		White, fluffy powder
Active Ingredient (silicone)	Percent	20

Description

XIAMETER ACP-1920 Powdered Antifoam has been specifically developed for controlling foam in various biotechnology applications and ultrafiltration systems. This silicone antifoam will also control foam in a wide variety of fermentation and food-grade applications.

The active ingredient in XIAMETER ACP-1920 Powdered Antifoam will not alter bacterial growth rates or reduce yields. It does not permanently foul ultrafilters.

The powdered form allows for convenient weighing and measuring and is easy to store.

Food Regulation Status

To get the status of XIAMETER ACP-1920 Powdered Antifoam, please always refer to the Food Additive / Food Contact – Regulatory Information sheet available on request to our customer service.

UNRESTRICTED – May be shared with anyone

™The DOW Diamond and XIAMETER are trademarks of The Dow Chemical Company

XIAMETER™ ACP-1920 Powdered Antifoam

© 2017 The Dow Chemical Company. All rights reserved.

EPA Status	This product shall meet the requirements of the E.P.A. regulation "Code of Federal Regulations 40 CFR" concerning "Tolerances and Exemption from Tolerances for Pesticide Chemicals in or on Raw Agricultural Commodities" under Section 180.960: "Polymers; exemptions from the requirement of a tolerance.
Kosher Status	Kosher certified product available. Contact your local representative for current compliance information.
How To Use	<p>XIAMETER ACP-1920 Powdered Antifoam should be added directly to the foaming system. Predilution is not required. A suggested starting level for evaluation is approximately 0.01 weight percent based on the foaming medium.</p> <p>In food applications, the maximum level that can be added, per FDA regulations, is 0.005 weight percent.</p> <p>In ultrafiltration systems, XIAMETER ACP-1920 Powdered Antifoam can be added prior to filtering.</p> <p>It should not cause any adverse effect on the filter. However, if filter plugging does occur, the antifoam can be flushed out and the system cleaned with an appropriate cleaner such as Terg A Zyme® by Alconox, Inc. After cleaning, the system should be rinsed thoroughly with distilled water before use.</p>
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 between 0–40°C (32–104°F) in original, unopened containers. Store in sealed containers in a dry environment for best results.
Limitations	<p>This product is neither tested nor represented as suitable for medical or pharmaceutical uses.</p> <p>Not intended for human injection.</p>
Health And Environmental Information	<p>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.</p> <p>For further information, please see our website, www.consumer.dow.com or consult your local representative.</p>

Terg-A-Zyme is a registered trademark of Alconox, Inc

<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.

