

XIAMETER[®] ACP-1500 Antifoam Compound

100% active silicone antifoam compound

FEATURES

- Odorless and tasteless
- Effective in hot or cold processes
- Sterilizable
- Performs at low concentrations
- Approved for food contact (see Food Regulation Status)
- Free of raw materials derived from animals

APPLICATIONS

- Areas where a food-contact product is required due to the nature of the process (Food-contact substance: Any substance used as a component during the manufacture of articles, which in their finished state, are intended to be brought and/ or are brought temporarily or permanently in contact with foodstuffs)
- Efficient in aqueous and nonaqueous foaming systems
- Control of foam during dispersion of powdered agrochemical formulation in aqueous media
- Control of foam by treatment of one component of a powder mix – the mix can then be dispersed with good foam control

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, light grey liquid
Active Antifoam	%	100
Viscosity at 25°C LVT, sp 2, 65 pm	mPa.s	900
Volatile Content, 15 g, 200°C (392°F), 4 hr	% max	2
Specific Gravity		1.0
Flash Point, closed cup	°C (°F)	>100 (>212)

HOW TO USE

XIAMETER[®] ACP-1500 Antifoam Compound can be used in non-aqueous systems, neat or dispersed in solvent. If diluted, it should be used within 8 to 12 hours. Some separation may occur, but stirring reconstitutes the dispersion. The product may also be mechanically dispersed with one of the foaming system ingredients. This antifoam can be added to the foaming medium:

- On a continuous basis using a suitable metering pump or similar type of equipment capable of pumping high viscosity liquids

- On a shot-injection basis, i.e., on demand
- By wiping on filling nozzles, rims of processing vats or by smearing on screens or wire gauzes suspended over the surface of the foaming system

Recommended starting concentration is 10 ppm.

FOOD REGULATION STATUS

XIAMETER ACP-1500 Antifoam Compound was specifically formulated for applications where food-contact aspects are important. Listed below is a summary of the status of XIAMETER ACP-1500

Antifoam Compound in the context of the regulations as defined by FDA (USA), BGVV (Germany) and EU (European Directives).

Final compliance with these regulations is the responsibility of the end-product manufacturer.

FDA STATUS

All ingredients comply with the following FDA sections:

- 173.340 – Defoaming agents
- 175.105 – Adhesives
- 176.170 – Components of paper and paperboard in contact with aqueous and fatty foods
- 176.180 – Components of paper and paperboard in contact with dry foods
- 176.210 – Defoaming agents used in the manufacture of paper and paperboard

USDA STATUS

- Authorized by the USDA for use in federally inspected meat and poultry plants

EPA STATUS

- Listed in EPA Regulations, including 40 CFR 180.1001 for pesticide applications
- Exempt from tolerances at 40 CFR 180.910, 40 CFR 180.920 and 40 CFR 180.960; refer to Form No. 26-1351 for information on antifoams for agrochemicals

Ⓢ KOSHER ACCEPTANCE

This antifoam is certified for use in the processing of kosher foods.

BGVV STATUS

- All ingredients are listed in BGVV Recommendation XXXVI (Paper and cardboard)
- The silicone ingredients are listed in BGVV Recommendation XV (Silicones)
- The treated silica used in the formulation is listed in BGVV LII (Fillers)
- All ingredients are listed in at least one of the following BGVV recommendations:
 - II Polyvinylchloride (PVC) and mixed polymers containing PVC
 - VI Polystyrene (PS) and mixed polymers containing PS
 - XIV Plastic dispersions

EUROPEAN COMMUNITY DIRECTIVES

- 95/2 Part 1/2 - Jam, jellies and marmalades as defined in Directive 79/693/EEC and similar fruit spreads, including low calorie products: maximum 10 mg/kg.
Soups and broths: maximum 10 mg/kg.
Oils and fats for frying: maximum 10 mg/kg.
Confectionery (excluding chocolate): maximum 10 mg/kg.
Non-alcoholic flavored drinks: maximum 10 mg/L.
Pineapple juice maximum: 10 mg/L.

Canned and bottled fruit and vegetables: maximum 10 mg/kg.
Chewing gum: maximum 100 mg/kg.

- 95/2 Part 2/2 - (pro memoria) Wine in accordance with Regulation (EEC) No. 1873/84 authorizing the offer or disposal for direct human consumption of certain imported wines that may have undergone oenological processes not provided for in Regulation (EEC) No. 337/79. Sød...saft: maximum 10 mg/L.
Batters: maximum 10 mg/kg.
Cider (excluding cidre bouché): maximum 10 mg/L.
Flavorings: maximum 10 mg/kg.
- 90/128/EC - The EU Directive 2002/72/EC and its amendments up to and including Directive 2004/19/EC, relating to plastic materials and articles intended to come into contact with foodstuffs.

ORIGIN OF INGREDIENTS

XIAMETER ACP-1500 Antifoam Compound contains ingredients that have been prepared solely from synthetic sources. It does not contain any genetically modified organisms or materials of animal origin.

PRODUCT SAFETY INFORMATION

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND

CONTAINER LABELS FOR SAFE USE, PHYSICAL, ENVIRONMENTAL, AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE ON THE XIAMETER® WEB SITE AT WWW.XIAMETER.COM.

STORAGE

Product should be stored at or below 40°C (104°F) in original, unopened containers. The most up-to-date shelf life information can be found on the XIAMETER Web site 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

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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