

# XIAMETER® AFE-1226 Antifoam Emulsion

**Unique process aid emulsion with antifoaming, deaeration and textile anticrease benefits in one package**

## FEATURES

- Effective foam control at low concentrations
- High and low pH stability
- Shear resistance
- Heat stability
- Excellent deaeration
- Reduces fabric/fabric and fabric/metal frictional forces which in turn reduce fabric creasing during processing
- Good compatibility with most surfactant systems, except for cationic medium

## BENEFITS

- Improved quality of final fabric
- Reduced rejection of final fabric due to uneven dyeing, oil spotting or surface creases
- Total cost reduction of textile auxiliaries
- Eliminates dispersed air in the bulk phase in addition to suppressing foam at the surface

## APPLICATIONS

- Scouring
- Bleaching
- Dyeing
- Additive in auxiliaries
- Water-borne paint and ink
- Water-borne metal working fluids

## 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		Milky white
Physical form		Light cream
pH at 25°C (77°F)		6
Specific gravity at 25°C (77°F)		1.0
Suitable diluent		Water
Solids	%	20-26

## DESCRIPTION

XIAMETER® AFE-1226 Antifoam Emulsion is a unique antifoam emulsion especially developed for pressurebeck dyeing processes such as jet dyeing machines.

## HOW TO USE

XIAMETER AFE-1226 Antifoam Emulsion can be added directly to aqueous foaming media. At least a five times predilution is recommended to avoid coagulation especially when the medium is hot.

For the dilution, 5-10 times of water should be added to the product in small steps whilst gently agitating.

Diluted XIAMETER AFE-1226 Antifoam Emulsion separates with time. Thus it should be used within one or two days of dilution and should be gently mixed prior to use.

Typically small concentrations of XIAMETER® AFE-1226 Antifoam Emulsion, in the range of 0.1g/L to 0.5g/L, are needed to suppress foam.

To achieve deaeration or anticreasing, higher levels are recommended, 0.5g/L to 2g/L. Exact concentrations can be determined by conducting standard laboratory foam tests with a sample of the foaming medium.

## **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 between 5°C (41°F) and 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. Not intended for food use.

## **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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