



## Technical Data Sheet

### **XIAMETER™ AFE-3168 Antifoam Emulsion**

For textile application such as dyeing process, scouring and general waste water application.

#### **Features & Benefits**

- De-foaming agent
- Ease of use
- Non-ionic
- Excellent de-foaming
- Available in wide range of pH
- Available pre & post process of dyeing
- Excellent resistance in de-foaming
- Cost effective

#### **Applications**

- Designed as a textile and waste water antifoam, XIAMETER™ AFE-3168 Antifoam Emulsion can be used in the bath with wide range of pH value. When it is used in dyeing process, it can be used in pre & post process of dyeing and increase the productivity of textile by controlling foams.

#### **Typical Properties**

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

CTM <sup>1</sup>	Property	Unit	Result
0176	Appearance		Milky white
0208	Non-volatile content	%	30
0050	Viscosity (25°C)	mPa.s	2500
	Diluent		Water

1. CTM: Corporate Test Method, copies of CTM's are available on request.

#### **Description**

XIAMETER™ AFE-3168 Antifoam Emulsion shows good particle size distribution as an antifoam, with excellent de-foaming and sustaining of de-foaming. And this is easily dissolved in water and propylene glycol.

This product shows good de-foaming property in wide range of temperature and pH. It is also easy to use as a good water-soluble product.

## How to Use

1. First dilute the original material, XIAMETER™ AFE-3168 Antifoam Emulsion with water into 5–10% concentration.
2. Mostly the active content to be incorporated in water for some processes is 0.01–0.05 g/l.

## 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 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°C (32°F) and 40°C (104°F) in the original unopened containers, this product has a usable life of 12 months from the date of production.

## Limitations

Not intended for human injection. Not intended for food use.

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

## 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.

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