



Technical Data Sheet

XIAMETER™ ACP-0080 Antifoam Compound

Water-dilutable silicone antifoam, especially developed for use in pressure-back dyeing processes such as jet dyeing machines

Features & Benefits

- Excellent long-term antifoaming action
- Shear stability
- Excellent high temperature stability
- Easy diluting in water
- Easy preparing for any active emulsion
- Easy to use
- Cost-effective
- Trouble-free

Composition

- Silicone antifoam

Applications

Textile

- Jet-dyeing
- Finishing
- Sizing
- Carpet dyeing
- Bleaching
- Scouring

Other

- Cutting oil
- Quenching oil
- Paint, ink
- Latex process
- Cleaning

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XIAMETER™ ACP-0080 Antifoam Compound

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Typical Properties

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

Property	Unit	Result
Appearance		Milky-white, free-flowing liquid
Viscosity at 25°C (77°F)	cSt	3,000
Specific Gravity at 25°C (77°F)		1.02
Solids	percent	100
Diluent		Water

How To Use

Slurry De-Aeration

XIAMETER™ ACP-0080 Antifoam Compound should be added to the detergent slurry after the addition of all liquid components and before the addition of any solid components. Typical additions levels between 0.05% to 0.2% but these should be determined by testing as they vary according to the exact composition of the detergent.

Liquid detergents

Due to its good dispersibility in aqueous systems, XIAMETER ACP-0080 Antifoam Compound is suitable for controlling foam in endues applications of many liquid detergent products. For example, it may be used to control foam produced by liquid hard surface cleaning products and liquid laundry products. Typical addition levels are between 0.1 and 0.5% depending on the surfactant composition of the detergent. Precise addition levels should be determined by testing.

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 at or below 5° and 40°C (23° and 104°F) in original, unopened containers.

Limitations

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

Shipping Limitations

None.

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.

For further information, please see our website, www.consumer.dow.com or consult your local Dow representative.

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<http://www.xiameter.com>

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