



Technical Data Sheet

XIAMETER™ MEM-0959 Emulsion

INCI Name: Amodimethicone and Cetrimonium Chloride and Trideceth-12

Features & Benefits

- 50% cationic emulsion
- Amino functional silicone polymer
- Superior hair conditioning agent
- Improves wet and dry combing
- Enhances hair shine and smoothness
- Reduces hair flyaway
- Easy to formulate into hair care products
- Water dilutable

Applications

- Excellent conditioning additive for a wide range of hair care applications including rinse-off conditioners, shampoos and leave-in conditioners.

Typical Properties

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

Property	Unit	Result
Color		Milky white
Silicone content	wt%	~50
Viscosity at 25°C (77°F)	cP	1000
Emulsifier type		Cationic/nonionic
pH		7.0–8.5
Suitable diluent		Water
D4 (Cyclotetrasiloxane) content	%	< 1.0

Description

XIAMETER™ MEM-0959 Emulsion is a 50% cationic emulsion of an amine functional silicone. The amodimethicone actives are delivered in an opaque, low viscosity, water dilutable liquid with neutral pH.

XIAMETER MEM-0959 Emulsion provides excellent conditioning performance in a wide range of hair care applications including shampoos, rinse-off and leave-in conditioners, styling products and colorants. It provides improved wet and dry combing and enhances hair shine and smoothness.

UNRESTRICTED – May be shared with anyone

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XIAMETER™ MEM-0959 Emulsion

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How To Use

To optimize the dispersion of XIAMETER MEM-0959 Emulsion into the final formulation it is recommended to add it slowly at the end of the procedure at a temperature below 40°C (104°F) with continuous mixing or stirring.

Recommended use levels for shampoos and rinse-off conditioners are 0.5–4% and for leave-in conditioners 4–8%. XIAMETER MEM-0959 Emulsion is compatible with cationic and non ionic surfactants. It is not compatible with alcohol systems except at low concentrations of alcohol. It is not compatible with cyclomethicone except at low concentrations.

XIAMETER MEM-0959 Emulsion is susceptible to microbial contamination. Please use appropriate storage and handling procedures to prevent contamination.

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 32°C (90°F) in original, unopened containers.

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.

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.

<http://www.xiameter.com>

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