



Technical Data Sheet

XIAMETER™ PMX-1413 Fluid

INCI NAME: Dimethicone

Features & Benefits

- Film forming
- Non-occlusive

Applications

XIAMETER™ PMX-1413 Fluid could be potentially used as an ingredient in:

- Skincare
- Color cosmetics

Typical Properties

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

Property	Unit	Result
Silicone content	%	100
Ultra high molecular weight polysiloxane	%	14
Viscosity	mm ² /s	3300
Appearance		Clear, viscous liquid
Refractive index at 25°C (77°F)		1.396
Cyclotetrasiloxane content (D4)	%	< 0.1
Flash point (closed cup method)	°C °F	> 100 > 212

Description

XIAMETER PMX-1413 Fluid is a blend of approximately 14% of an ultra high viscosity polydimethylsiloxane in low viscosity polydimethylsiloxane.

How To Use

When preparing an emulsion containing XIAMETER PMX-1413 Fluid, it is recommended to use a high stirring speed and to pass the emulsion through a homogenizer.

Usable Life And Storage

Product should be stored at or below 50°C (122°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.

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.

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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