



Technical Data Sheet

XIAMETER™ OFX-5330 Fluid

INCI Name: PEG/PPG-15/15 Acetate Dimethicone (and) PEG/PPG-15/15 Allyl Ether Acetate (and) PEG/PPG-15/15 Acetate

Features & Benefits

- Silicone polyether polymer
- Can be used for clear and opaque products
- Free of preservatives
- Ultra shine
- Light to medium conditioning performance (wet and dry detangling and smooth feel)
- Does not weigh down hair
- Moisturizes hair
- Easy to formulate:
 - Cold and hot process possible
 - No solubilizer or suspending agent required

Applications

- Clear and opaque conditioning shampoos
- Rinse-off conditioners
- Leave-in conditioning treatments (detanglers, hair masques, mousses)

Typical Properties

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

Property	Unit	Result
Appearance		Clear to slightly hazy amber liquid
Viscosity at 25°C (77°F)	cSt	950–1450
Specific gravity at 25°C (77°F)		1
Flash point - closed cup	°C	97
	°F	207

Description

XIAMETER™ OFX-5330 Fluid is a polysiloxane polyether copolymer. It is water soluble.

UNRESTRICTED – May be shared with anyone

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XIAMETER™ OFX-5330 Fluid

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How To Use

XIAMETER OFX-5330 Fluid can be added to clear or opaque shampoo or conditioner formulations without the need for pre-emulsification or the use of additional suspending agents. It can be heated and added at any stage of the manufacturing process. The recommended usage levels are:

- 0.5–2%: normal hair
- 2–4%: curly, slightly damaged hair
- 2–6%: color treated/ damaged, ethnic hair

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.

Presence of traces of antioxidant in XIAMETER OFX-5330 Fluid helps to optimize XIAMETER OFX-5330 Fluid performance by preventing product degradation when exposed to oxygen. To avoid discoloration of neat XIAMETER OFX-5330 Fluid when exposed to oxygen, XIAMETER OFX-5330 Fluid is packaged in nitrogen inerted containers. After partial use of XIAMETER OFX-5330 Fluid, it is recommended to re-inert opened containers with nitrogen.

Usable Life and Storage

Product should be stored at or below 25°C (77°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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