



## Biosil Basics® Fluorosil LF

### Ingredient Information

INCI Name: Perfluorononyl Dimethicone  
CAS# 259725-95-6  
EINECS# Polymer Exempt  
Japan Code# None  
Japan Nomenclature: None

### Specifications

Color Clear to pale yellow (4 max)  
Appearance Clear liquid  
Viscosity 100 – 200 cps

*Recommended use levels 0.25 – 2.00%*

### Attributes

- Excellent pigment dispersing
- Improved barrier function
- Adds shine and conditioning
- Manageability and frizz control

### Applications

- Hair care
- Skin care
- Color Cosmetics
- Sun care
- Baby products

**Biosil Basics® Fluorosil LF** is a fluorinated silicone. The combination of fluorine and silicone provides excellent benefits to the skin and hair. **Biosil Basics® Fluorosil LF** contains 1.7% fluorine.

This halogenated ingredient is very hydrophobic. **Biosil Basics® Fluorosil LF** resists wash off and does not feel heavy on the skin. It also forms a barrier which allows the skin to transpire and effectively retain its moisture.

**Biosil Basics® Fluorosil LF** can be readily incorporated into the oil phase of skin care formulations to provide improved barrier function. In hair care applications, this ingredient provides increased slip and better combability characteristics. It also provides shine, conditioning and frizz control benefits.

**Biosil Basics® Fluorosil LF** can be used effectively for pigment wetting. It is a flowable liquid that has the ability to coat pigments thoroughly and allow them to easily disperse in the oil phase of formulations. Due to the presence of fluorine, the final product will have a degree of water resistant properties.

### Storage and Handling

Before handling please read the Safety Data Sheet and container label for safe use, physical and health hazard information.

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