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## Product Information: SPI-3510

INCI Name: PEG/PPG 18/18 Dimethicone

CAS Number: 68037-64-9

### Description:

SPI-3510 is a nonionic surfactant of the silicone glycol copolymer type; it is liquid at room temperature. SPI-3510 acts as a surface tension depressant, wetting agent, emulsifier and foam builder in a wide variety of cosmetic and personal care products. It's used in hair sprays to plasticize resins and impart a soft, silky feel to the hair. SPI-3510 is also used to increase foam volume and improve wetting and lubricity of skin care products. SPI-3510 imparts the following benefits: lubrication, detackification, surface tension reduction, humectancy, softening, foam building, non-oily, hydrolytic stability at neutral pH and inverse solubility.

Specification	Range
Specific Gravity @ 25°C	1.03 – 1.040
Viscosity @ 25°C	1200-2000
Appearance	Light to Dark Yellow Liquid
Flash Point, Closed Cup, °C	> 120
Cloud Point (1% Aqueous)	98°F-104°F
Inverse Solubility Point 0.1% Water Solution, °C	36

### Packaging:

SPI-3510 is supplied in 35 pound net weight pails, 441 pound net weight drums or 2205 pound net weight totes.

### Special Use and Safe Handling Information:

See Safety Data Sheet for details. Store in closed, original container in a cool, well-ventilated area.

### Shelf Life:

2 year from date of manufacture when stored at 5°C-45°C in original unopened container.

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