



326 Exchange Drive  
Arlington, Texas 76011  
817-469-7777

## Technical Data Sheet SPI-609

**Chemical:** Proprietary Blend of Ethoxylated Alcohols

### Description:

SPI-609 is Silicones Plus, Inc. new nonylphenol ethoxylate (NPE) replacement designed to replace and outperform NP-9 and other NPE replacement products in cleaning formulations.

SPI-609 is intended to be used as a direct drop-in. The fully water soluble blend was specifically formulated to match the degreasing power and surfactant properties of NP-9; such as Cloud Point, HLB, Surface Tension, and Critical Micelle Concentration. Formulators should have no difficulty replacing NP-9 in their products.

With the EPA and other regulatory bodies' movement to limit the use of NPEs, SPI-609 is an excellent new choice to replace the workhorse surfactant in your blend.

### Typical Properties

<i>Active %</i>	90
<i>Cloud Point (1%), °C</i>	50 – 53
<i>pH, 1% Aqueous</i>	6.0 – 8.0
<i>Specific Gravity @20°C</i>	0.990
<i>HLB Value</i>	12.5
<i>Surface Tension, mN/m</i>	28
<i>Critical Micelle Concentration, ppm</i>	52
<i>Color, APHA</i>	50 max
<i>Water Solubility</i>	Soluble
<i>Appearance</i>	Clear Liquid

### Company Details:

326 Exchange Drive Arlington, Texas 76011  
P: 817-469-7777

Email: [samples@siliconesplus.com](mailto:samples@siliconesplus.com)  
F: 817-303-7070