

## FluorN 2900

**Description:** FluorN 2900 is a 100% active, non-ionic, alkylphenoethoxylate-free (APEO), PFOA/PFOS-free, perfluoropolyether (PFPE) fluoro-surfactant that at low concentration reduces the surface tension of aqueous and polar solvent formulations sufficiently to permanently wet and provide smooth, pinhole-free films on PTFE and other low energy surfaces. FluorN 2900 provides for excellent substrate wetting, leveling, stripping, re-coating, anti-fogging, anti-blocking, cleanability, and open time extension. In aqueous and polar solutions, it is low or non-foaming.

**Cleaners for glass, ceramics and stone:** Wetting strength at low concentrations is key to good cleaning. FluorN 2900 promotes low surface tension and wetting using concentrations of 500 ppm or lower. The residual film is thinner and evaporates more quickly with less haze and streaking.

**Strippers:** The chemical stability of a surfactant is essential in stripping products, and FluorN 2900 has excellent resistance in acid and alkali solutions. FluorN 2900 also has excellent wetting and penetrating strength.

**VOC-Free Paints:** FluorN 2900 provides multiple benefits to paints and coatings. In the grind and the letdown phases of production 2900 eliminates the need for pigment- wetting, film leveling and anti-blocking agents, also reducing the need for defoamer.

**Inks:** Without interfering with the dispersed phases, FluorN 2900 imparts anti-blocking, ink acceptance, leveling and wetting strength.

### Physical properties:

<b>Structure:</b> FluorN 2900 is a glycol-terminated high molecular weight perfluoropolyether	
<b>Water surface tension at 0.05%:</b> below 20 dyne/cm	
<b>Solubility in water:</b> 100% (work water into 2900, slowly increasing amount of water)	
<b>Stability:</b> High chemical and thermal stability	
<b>Molecular weight:</b> ~3000	<b>Density:</b> 1.38
<b>Color:</b> Clear to white	<b>Flammability:</b> Non-flammable
<b>Ionic nature:</b> Nonionic	<b>Shelf-life:</b> >5 years

**Concentration:** FluorN 2900 is effective at concentrations between 0.0005 to 0.5% by weight. FluorN 2900 is more active than fluoroalkyl based fluorosurfactants.

**Packaging:** 125 ml cans, 1 LBS cans and 8 LBS (1 gallon) pails.

**Regulatory:** FluorN 2900 complies with the chemical notification requirements of TSCA and is REACH compliant in Europe. Please refer to the Safety Data Sheet for further details regarding safe use of this product.

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