



## SierraPhos NP-10

**OVERVIEW:** SierraPhos NP-10 is a phosphated nonylphenol ethoxylate (NPE) surfactant created by reacting NPEs with diphosphorous pentoxide. Also referred to as phosphated NPE or nonylphenol ethoxylate phosphate ester, this chemistry combines the strong emulsifying, dispersing, and detergency properties of NPEs with the added benefits of wetting and corrosion inhibition from the phosphate group. It offers good solubility, acid stability, and detergency, making it a versatile choice in industrial cleaners and agricultural formulations where both cleaning power and stability under harsh conditions are required.

**CHEMICAL NAME:** Nonoxynol 10 Phosphate

**FUNCTIONS:** Emulsifier, Corrosion Inhibitor

### SPECIFICATIONS:

<b>Appearance:</b>	Clear Colorless
<b>Acid Value:</b>	Liquid 140-180
<b>PH 1% Sol:</b>	2.0-3.0

### MARKET APPLICATIONS:

- Chemical Manufacturing – Ester intermediate
- Textiles – Emulsifier in fiber/fabric processing
- Agriculture – Emulsifier in liquid fertilizer
- HI&I – dispersant in cleaners and detergents
- Metal Working – Emulsifier in lubricants and other metal working fluids
- Leather – Emulsifier in leather processing
- Pulp and Paper – Emulsifier in paper processing, de-inking additive
- Oil & Gas – Corrosion Inhibitor, drilling muds and production

### SEE SDS FOR STORAGE, HANDLING AND IN CASE OF SPILLS

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