

# QUALITY INNOVATES.



QUALITY WORKS.

**LANXESS**  
Energizing Chemistry

## Neolone® PH Max

### A novel multifunctional blend for Personal Care

Introducing an innovative preservative blend of Phenoxyethanol and Pelargonic Acid, a naturally occurring **multifunctional additive** derived from **sunflower oil**, designed to improve Personal Care formulations through several key value-adders.

This novel product offers superior broad spectrum performance against bacteria and fungi, while boosting the **antimicrobial effectiveness** of Phenoxyethanol compared to benchmark formulations at equivalent dosing levels. Additionally, **Neolone® PH Max** serves as a convenient liquid drop-in solution, combining **chelating** and **antioxidant attributes** in **one powerful formulation package**.

#### Why choose Neolone® PH Max?

- **Broad spectrum protection** against both bacteria as well as fungi
- **Better efficacy profile** than benchmarks at the same dosing level
- Less preservative **dosing required** in conjunction with a **cost to treat advantage**
- Applicable for a **broad pH** range of 3–10
- **Low toxicity** and **non-sensitizing** profile
- **Readily biodegradable & naturally derived** multifunctional ingredient
- Ideal for various **rinse-off/leave-on applications**, in particular for creams, lotions, and serums

**X Neolone®**

**Technical Information****■ Broad-Spectrum Antimicrobial Activity**

Effective against bacteria, yeast and mold.

**■ Naturally derived Multifunctional Additive**

Reduces the need for synthetic preservatives, promoting sustainability with chelating and antioxidant attributes.

**■ Formulation Compatibility**

Demonstrates good compatibility with common ingredients for both leave-on and rinse-off formulations.

**■ High Stability**

Maintains efficacy across a wide pH range from 3 to 10.

**■ Easy Handling**

Convenient liquid drop-in formulation.

**■ Recommended Dosage**

Optimal/ideal dosage lies in the range of 0.5% to 1.2%.



**Innovation starts here –let's formulate and explore together!**



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Visit our Personal Care website

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