

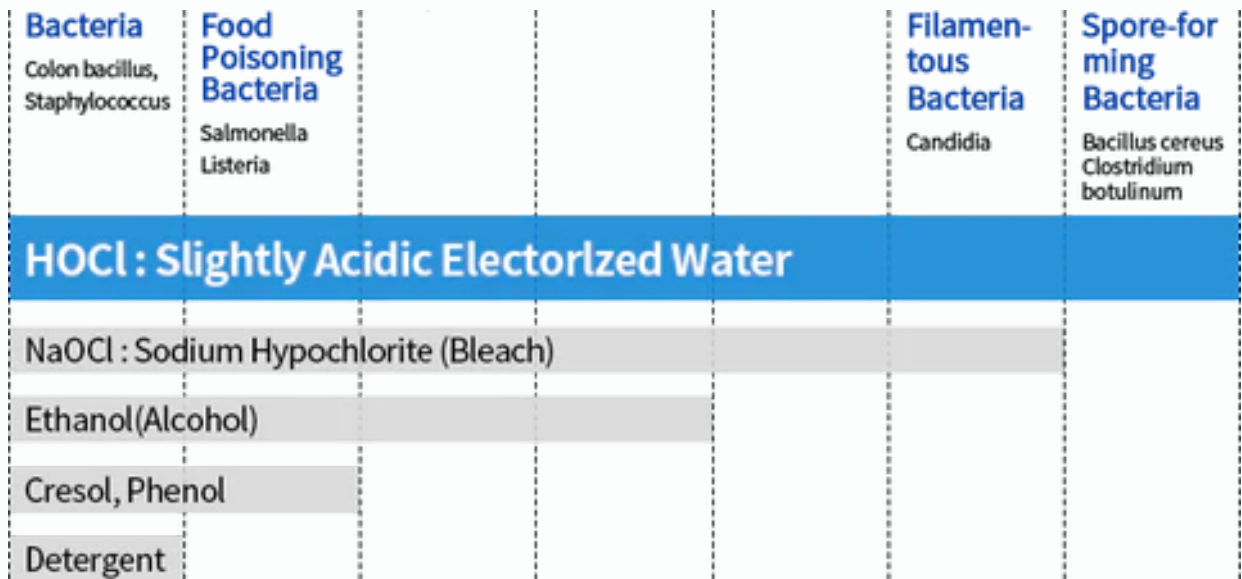
HYPOCHLOROUS ACID

PERFORMANCE

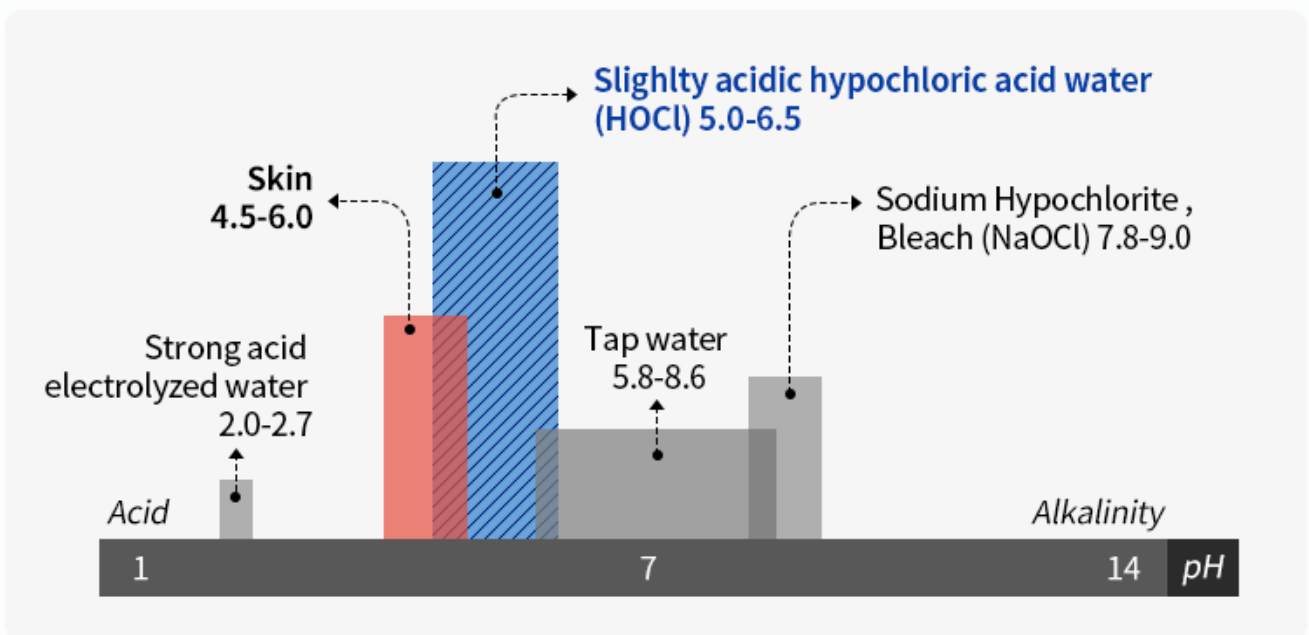
Hydro-E HOCL performs seen in the graphs below with relation to:

- Disinfection/Antibacterial capabilities
- Neutral Range pH Scale
- Low Risk & Non-Hazardous
- Side Effects & Toxicity
- Diversity of Use & Applications

ANTIBACTERIAL SPECTRUM



PH VS. STERILIZATION EFFECT



HYPOCHLOROUS ACID

PERFORMANCE (CONTINUED)

TOXICITY & RISK COMPARISON

Substance	Cas No.	Flash Point (°C)	Acute Toxicity Oral	Ocular mucosa Irritation	Exposure Criteria (South Korea)
HOCl	7790-92-3	No data	Non-toxic or very weak	Non-irritated	No data
75% Ethanol	64-17-5	13.0	Highly-toxic	Slightly-irritated	*TWA 1,000 ppm
59% Ethanol	64-17-5	22.2	Highly-toxic	Slightly-irritated	TWA 1,000 ppm
NaOCl	7681-52-9	No data	Highly-toxic	Strongly-irritated	No data

HOCl is non-flammable, non-toxic and non-irritative sterilizer.

SUBSTANCE SAFETY VS. POWER

