

What is Hypochlorous Acid (HOCL)?

Hypochlorous acid (HOCL) is a weak acid formed via electrolysis that's scientifically proven as a powerful oxidant, effective against invading bacteria, fungi, and viruses.

Hypochlorous acid (HOCL) is the perfect weapon to fight germs. Yet this powerful weapon is 100 per cent safe for humans. Chemical-free, non-toxic and all-natural, that's an impressive combination. It has been used in the medical field for over a century, even before antibiotics were available, HOCL is used to irrigate and disinfect wounds and is used in everyday settings including day-care centres and hospitals. HOCL is a weak acid that occurs naturally in our bodies.

The most powerful oxidising agent HOCL kills the pathogen by tearing down the cell membranes and proteins.

- Hypochlorous acid (HOCL) is entirely organic and harmless if ingested
- It is a water-based disinfectant that does not dry out the skin
- Scientifically proven effective against bacteria, viruses, and fungi
- Is a ready to use, fragrance-free and almost odourless disinfectant.
- It contains **NO** alcohol and unlike alcohol-based disinfectants, it is gentle on the skin and avoids irritating or drying out the skin when frequently used.
- Offers longer-lasting protection compared to alcohol-based disinfectants.
- Effective wound healing properties.
- Can be used as a surface sanitiser.
- Not fire hazardous, resulting in safer, cheaper and less time-consuming handling.
- Environmentally friendly.



	SURFACE SHIELD	ALCOHOL	HOUSEHOLD DISINFECTANT	BLEACH
ACTIVE INGREDIENTS	Hypochlorous	Ethanol	Chloroxynol	Sodium Hypochlorite
Anti-bacterial, anti-fungal, sporicidal & fungicidal	✓	✗	✗	✓
No harsh chemicals	✓	✗	✗	✗
No significant label warnings	✓	✗	✗	✗
Active ingredient produced by human white blood cells	✓	✗	✗	✗
Multi-functional; disinfectant, sterilant & sanitiser	✓	✗	✗	✗
No risk of alcohol poisoning or intoxication	✓	✗	✓	✓
pH neutral & non sensitising to skin & eyes	✓	✗	✗	✗
Suitable for use around children, pets and food	✓	✗	✗	✗
Air sterilising	✓	✗	✗	✗
Deodorises naturally	✓	✗	✗	✗
Non-flammable	✓	✗	✓	✓
Hazards	NONE			

SurfaceShield™ HOCL is the only fluid that is certified for use with all SafeGuard sanitising units. Using other liquids will void the warranty.