

# VAYLERA CLEANER NEWS

COMMERCIAL CLEANING + HOCl INDUSTRY INTELLIGENCE



## HOCl MOVES INTO THE MAINSTREAM

Why ready-to-use hypochlorous acid is earning attention in commercial cleaning

### INDUSTRY FEATURE

Hypochlorous acid (HOCl) is moving beyond niche applications and into broader conversations about facility hygiene. The chemistry is well established: CDC guidance explains that chlorine's microbicidal activity is attributed largely to undissociated HOCl, and that pH affects the balance between HOCl and the less microbicidal hypochlorite ion.

The commercial opportunity is increasingly visible in product formats and use settings. Current EPA antimicrobial-product lists include HOCl formulations in ready-to-use formats for hard, nonporous surfaces across hospital, institutional and residential settings. That does not make every HOCl product interchangeable: concentration, pH, packaging, stability, contact time and the finished product label all matter.

### THE TAKEAWAY

HOCl's next phase is about dependable delivery: ready-to-use formats, controlled formulation, practical packaging and consistent performance through shelf life.

### INSIDE THIS ISSUE

#### 400 PPM PLATFORM

VAYLERA Cleaner formats, shelf life and formulation priorities.

#### FACILITY APPLICATIONS

Commercial, healthcare-support and restoration settings.

#### INDUSTRY OUTLOOK

What buyers should evaluate as the HOCl category expands.

# VAYLERA CLEANER AT A GLANCE

A concentrated, ready-to-use platform built for high-use commercial environments.

## 400 PPM

### HOCL CONCENTRATION

VAYLERA Cleaner specification supplied by the company.

## 24 MONTHS

### LIQUID SHELF LIFE

Company-supplied shelf-life specification for sealed liquid formats.

## 12 MONTHS

### WIPE SHELF LIFE

Company-supplied shelf-life specification for sealed wipes.

## THREE READY-TO-USE FORMATS

### 32 FL OZ SPRAY

Point-of-use application for high-touch hard surfaces.

### 80-COUNT WIPES

Portable, premoistened format for consistent daily workflows.

### 1-GALLON LIQUID

Bulk format for facility programs and replenishment.

## WHAT MAKES A STRONG HOCL PLATFORM?

### 1 FORMULATION CONTROL

Concentration and pH influence the amount of active HOCl available at the point of use.

### 2 STABILITY

A useful shelf life requires disciplined production, suitable packaging and finished-product testing.

### 3 FORMAT DESIGN

Sprays, wipes and gallons support different work zones while keeping the chemistry ready to use.

### 4 MANUFACTURING ALIGNMENT

VAYLERA's manufacturing partnership supports coordinated product development and scalable supply planning.



READY TO USE | THREE FORMATS | COMMERCIAL WORKFLOW

**Simple formulation: purified water + hypochlorous acid + sodium chloride. Fragrance free and alcohol free.**

# WHERE COMMERCIAL CLEANING IS HEADED

Facility teams want products that fit the work: clear use areas, ready-to-use formats and repeatable application.



## PUBLIC + COMMERCIAL FACILITIES

Lobbies, reception areas, counters, fixtures, door hardware and other high-touch hard surfaces.



## HEALTHCARE SUPPORT AREAS

Environmental-services workflows for approved noncritical surfaces and equipment exteriors.



## RESTORATION + MOLD RESPONSE

Cleaning support for mold-affected hard, nonporous surfaces after moisture sources are controlled.

# A PRACTICAL READY-TO-USE WORKFLOW

1

## SELECT

Match the product to the approved surface and use setting.

2

## PREPARE

Remove visible soil or debris when the task requires it.

3

## APPLY

Use the spray or wipe according to the finished product

4

## COMPLETE

Observe the stated contact time and facility procedure.

## FACILITY ZONES TO CONSIDER

### ENTRANCES + LOBBIES

Door hardware, reception surfaces and visitor touchpoints.

### WORKSPACES

Counters, desks, shared equipment exteriors and break-area surfaces.

### PUBLIC AMENITIES

Restroom fixtures, fitness areas and other approved hard surfaces.

### OPERATIONS

Carts, tools and noncritical equipment exteriors within the finished label.

## RESTORATION NOTE

Successful mold response also requires correcting the moisture source and following the project scope for removal and remediation.

# THE HOCl INDUSTRY: WHAT TO WATCH NEXT

The industry is shifting from selling chemistry alone to proving dependable finished-product performance. Buyers increasingly evaluate the complete platform: formulation, packaging, stability, directions, contact time, use sites and supply readiness.

## FIVE BUYER QUESTIONS

- 1 Is the concentration controlled through shelf life?
- 2 What pH range supports the intended chemistry?
- 3 Is the product ready to use or generated on site?
- 4 Which formats fit the actual facility workflow?
- 5 What claims and use sites appear on the finished label?

## INDUSTRY SIGNALS

### READY-TO-USE

EPA lists show HOCl represented in ready-to-use hard-surface products.

### MULTIPLE SETTINGS

Registered HOCl products appear across hospital, institutional and residential use sites.

### EVIDENCE MATTERS

Published carrier research has reported at least 99.9% reduction of tested viruses with 20-200 ppm HOCl within 10 minutes under study conditions.

### LABEL PRECISION

EPA emphasizes that organism, surface, use site and contact-time claims are product specific.

## THE VAYLERA OPPORTUNITY

VAYLERA Cleaner brings together 400 PPM HOCl, three commercial formats and company-supplied shelf lives of 24 months for liquids and 12 months for wipes. The goal is simple: make strong HOCl cleaning easier to deploy at the point of work.

## SOURCES + FURTHER READING

- CDC, Chemical Disinfectants: <https://www.cdc.gov/infection-control/hcp/disinfection-sterilization/chemical-disinfectants.html>
- CDC, Factors Affecting Efficacy: <https://www.cdc.gov/infection-control/hcp/disinfection-sterilization/efficacy-factors.html>
- US EPA, Selected EPA-Registered Disinfectants: <https://www.epa.gov/pesticide-registration/selected-epa-registered-disinfectants>
- US EPA, MRSA/VRE List H: <https://www.epa.gov/pesticide-registration/epas-registered-antimicrobial-products-effective-against-methicillin>
- Park et al., HOCl surface inactivation study: <https://pmc.ncbi.nlm.nih.gov/articles/PMC1932820/>

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