



CHEM INTERNATIONAL

SPECIALTY CHEMICALS · SINCE
1988

DISINFECTANTS · QUATERNARY

CI Lemon Tree Cleaner Disinfectant

Quat cleaner-disinfectant with a fresh lemon
scent — infection control without the
chemical-odour complaints.

Professional Grade Specialty Chemicals

A one-step liquid cleaner, disinfectant, virucide, bactericide, fungicide, and deodorizer for institutional use. **CI Lemon Tree** controls odour and eliminates bacteria, viruses, mold, and fungi on hard, non-porous surfaces — floors, walls, sinks, restrooms, and operating rooms — proven against *Pseudomonas aeruginosa*, *Staphylococcus aureus*, and the SARS-CoV-2 (COVID-19) virus.

ONE-STEP CLEAN + DISINFECT

Cleans, disinfects, and deodorizes in
a single pass.

BROAD-SPECTRUM KILL

Bactericidal, virucidal, fungicidal —
including SARS-CoV-2.

LOW-ODOUR FOR OCCUPIED SPACE

Fresh lemon scent suits healthcare
and long-term care.

DILUTION & DIRECTIONS

Disinfect	1:46 (957 ppm) — keep wet 10 min
Food-contact sanitize	1:220 (200 ppm) — drain & rinse
Surfaces	Hard, non-porous: floors, walls, fixtures
Note	Prepare a fresh solution for each use

TECHNICAL SNAPSHOT

Type	Quaternary ammonium
Active	Didecyl dimethyl ammonium chloride 4.5%
Contact time	10 minutes
Scent	Lemon

USED IN

Hospitals

Long-term care

Restrooms

Offices

Infection control that doesn't announce itself with a harsh chemical smell — the reason it lands in
occupied healthcare space.

CHEM INTERNATIONAL | 10770-180 Street, Edmonton, AB
T5S 2S4

1.800.665.7287 · info@chemintonline.com · chemintonline.com

SKU CS017 · DIN 02460335

Made in Canada · For industrial use only
ISO 9001:2015 Certified Supplier

Handling. Quat disinfectant. Surface must stay visibly wet for the full
10-minute contact time to make the label claim.



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DISINFECTANTS · PHENOLIC

CI PineTree Phenolic Disinfectant

Phenolic pine-oil disinfectant cleaner for
restrooms, hospitals, and nursing homes.

Professional Grade Specialty Chemicals

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ISO 9001:2015 Certified Supplier

A phenol-based pine-oil disinfectant cleaner that holds its antimicrobial action where organic soil defeats other chemistries. **CI PineTree Phenolic** is the tool for heavily soiled, high-contamination environments — active biofilm, fecal contamination, and environmental sanitation — finishing with a clean pine scent.

WORKS THROUGH HEAVY SOIL

Stays effective where organic load
weakens quats.

BIOFILM & FECAL AREAS

Built for the worst environmental
contamination.

PINE-CLEAN FINISH

Strong disinfection with a
recognizable clean scent.

DIRECTIONS

Pre-clean	Remove gross filth before disinfecting
Dilute	Per label for the disinfection claim
Apply	Restrooms, floors, environmental surfaces
Best use	Heavy-soil, high-contamination areas

TECHNICAL SNAPSHOT

Type	Phenolic (pine oil)
Strength	Holds up in organic soil
Best vs	Biofilm, fecal contamination
Scent	Pine

USED IN

Hospitals

Nursing homes

Restrooms

Environmental sanitation

When the area is too soiled for a quat to work, phenolic is what still kills. Match the chemistry to the contamination.

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SKU CS016 · DIN 02246386

Handling. Phenolic disinfectant. Pre-clean gross soil first; wear gloves and follow label dilution for the claim.



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DISINFECTANTS · QUATERNARY

CI OstroSan Quat Disinfectant

Broad-spectrum quat disinfectant for everyday institutional infection control.

Professional Grade Specialty Chemicals

A quaternary ammonium disinfectant built for a wide range of daily applications. **CI OstroSan Quat** delivers bactericidal and fungicidal action across hard surfaces, with broad-spectrum efficacy that stays safe for staff and free of harsh odour — the routine disinfectant for food plants, hospitals, and institutional settings under continuous occupancy.

BACTERICIDAL & FUNGICIDAL

Broad-spectrum action for daily surface hygiene.

STAFF-SAFE, LOW ODOUR

Runs in continuously occupied spaces.

VERSATILE DILUTION

One product across many routine tasks.

DIRECTIONS

Clean first

Remove soil before disinfecting

Dilute

Per label for the disinfection claim

Apply

Hard, non-porous surfaces

Best use

Routine daily infection control

TECHNICAL SNAPSHOT

Type	Quaternary ammonium
Action	Bactericidal · fungicidal
Profile	Broad-spectrum, low odour
Use	Daily surface disinfection

USED IN

Food plants

Hospitals

Institutional

Daily hygiene

The everyday quat that does the routine rounds — broad-spectrum, low-odour, and safe to run while the building is full.

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SKU CS015 · DIN 02465116

Handling. Quat disinfectant. Clean before disinfecting and observe label contact time for the claim.



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DISINFECTANTS · FOAMING AEROSOL

CI FreshWave360 Disinfectant

Foaming disinfectant — disinfect,
deodorize, and inhibit mould in a single
pass.

Professional Grade Specialty Chemicals

Made in Canada · For industrial use only
ISO 9001:2015 Certified Supplier

An EPA-registered foaming disinfectant cleaner engineered for 360° coverage on high-contact surfaces. **CI FreshWave360** disinfects, deodorizes, and inhibits mold and mildew on hard, non-porous surfaces — killing 99.9% of germs including Staph, MRSA, VRE, Salmonella, Influenza A, and HIV-1, with a light citrus scent. Tuberculocidal, virucidal, and fungicidal.

FOAMING 360° COVERAGE

Clings to high-contact surfaces, dries
clear and residue-free.

THREE JOBS, ONE CAN

Disinfectant, deodorizer, and
mildewstat together.

BROAD KILL CLAIM

MRSA, VRE, Salmonella, Influenza A,
HIV-1.

DIRECTIONS

Pre-clean	Shake; remove gross filth first
Disinfect	Spray 6–8"; keep wet 10 min; wipe
Mould control	Spray to wet, air-dry; repeat weekly
Finish	Foam dries clear — no gritty residue

TECHNICAL SNAPSHOT

Format	Foaming aerosol
Registration	EPA-registered
Contact time	10 minutes
Kill	99.9% · TB / virucidal / fungicidal

USED IN

Hospitals

Locker rooms

Food service

High-touch surfaces

One can that disinfects, deodorizes, and holds back mildew — the multi-tool for high-touch surfaces between deep cleans.

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SKU CS018 · EPA-registered

Handling. Pre-clean before disinfecting. Keep the surface wet for the full 10-minute contact time.



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DISINFECTANTS · WIPES

CI Spectrum360 Wipes

Bleach-free, alcohol-free disinfecting wipes
— portable, ready-to-use pathogen control.

Professional Grade Specialty Chemicals

Pre-impregnated, broad-spectrum antimicrobial wipes with no bleach and no alcohol. **CI Spectrum360 Wipes** kill harmful pathogens while keeping surfaces clean — a pre-dosed, ready-to-use format for portable disinfection in schools, gyms, hospitals, and veterinary clinics, with no mixing and no measuring.

NO BLEACH, NO ALCOHOL

Disinfects without harsh oxidizers or dry-out.

PRE-DOSED & PORTABLE

Ready-to-use — no dilution, no measuring.

MULTI-PATHOGEN

Broad-spectrum efficacy across surfaces.

DIRECTIONS

Wipe	Surface to a visible wet film
Dwell	Hold wet per label contact time
Target	High-touch points, shared equipment
Format	Single-use; reach for a fresh wipe

USED IN

Schools

Gyms

Hospitals

Vet clinics

TECHNICAL SNAPSHOT

Format	Pre-impregnated wipes
Chemistry	Bleach-free, alcohol-free
Use	Portable, high-touch
Settings	Schools, gyms, clinics

Disinfection that travels — pre-dosed wipes for the shared surfaces a spray bottle never reaches in time.

Made in Canada · For industrial use only
ISO 9001:2015 Certified Supplier

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1.800.665.7287 · info@chemintonline.com · chemintonline.com

SKU CS019 · Bleach-free / Alcohol-free

Handling. Keep the lid sealed so wipes stay saturated. Use a fresh wipe when the surface stops staying wet.



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ODOUR CONTROL · GRANULAR

CI OdourSorb

Granular odour-control agent that
neutralizes odour and absorbs moisture.

Professional Grade Specialty Chemicals

A highly absorbent granular deodorizer for commercial and industrial use. **CI OdourSorb** counteracts odour while absorbing the excess moisture that feeds it — sprinkled into waste retention containers and receptacles to keep disposal areas clean, dry, and odour-free.

NEUTRALIZES WASTE ODOUR

Counteracts odour at the source in
waste areas.

ABSORBS MOISTURE

Soaks up the liquid that drives waste
odour.

SPRINKLE-ON SIMPLE

Even application; scale to the odour
level.

DIRECTIONS

Apply	Sprinkle granules evenly over the surface
Dose	Scale to moisture and odour strength
Target	Waste containers and receptacles
Use	Indoor or outdoor waste areas

PROGRAM FIT

Form	Granular
Role	Odour + moisture control
Best for	Waste containers, receptacles
Use	Indoor / outdoor waste areas

USED IN

Waste containers

Dumpsters

Outdoor receptacles

Waste rooms

Odour in a waste area is usually a moisture problem. OdourSorb takes both out at once — dry it down, knock it out.

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ISO 9001:2015 Certified Supplier

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SKU CS023 · COMMERCIAL SANITATION

Handling. Keep dry until use. Re-apply as granules saturate with
absorbed moisture.