

3M Science.
Applied to Life.™

Kill germs including
SARS-CoV-2*



3M™ Chemical Management Solutions

Keep your facility clean. And open.

Our world has changed — cleaning and disinfecting have never been more important. Make sure your chemical management solutions are up to the task.

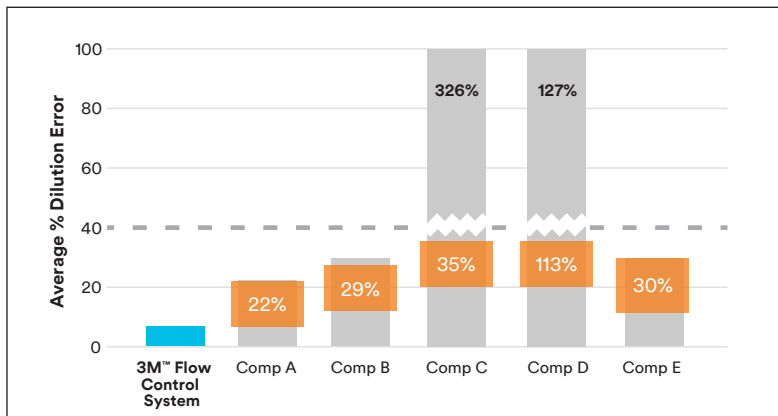
Take the guesswork out of mixing chemicals.

Accuracy is more important than ever. Over-diluted chemicals can result in decreased efficacy, and with today's cleaning challenges you need to know your surfaces are clean. With the added complication of removing viruses from surfaces — including SARS-CoV-2 — you can't afford to guess.

3M™ Chemical Management Solutions control the flow of water by adjusting to changing water pressures, providing an accurate ready-to-use (RTU) solution.

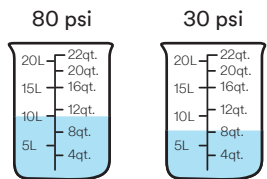
3M outperforms the competition.

When six leading competitive dispensers were tested over a dynamic water pressure range of 20–120 psi, 3M had the lowest dilution error.

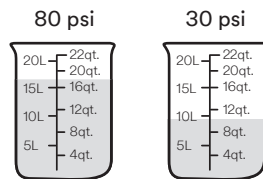


73% less variation in volume dispensed
57% less variation in dilution accuracy

3M™ Flow Control System



Competitor



Potential Consequences of Inaccuracy.

Over-Dilution (too much water)

| | |
|-------------------------------------|--|
| Ineffective disinfectant | Decreased efficacy of over-diluted chemicals |
| | Potential HAI and outbreak risk |
| | Higher potential for increased infection/absentee rates |
| Ineffective cleaning ability | Non-compliance with EPA label |
| | Re-cleaning of surfaces |
| | Increased labor to counter performance issues of incorrectly mixed concentrates, overall costs |
| | Potential for harmful exposure due to manual dilution |

Under-Dilution (too much chemical)

| | |
|-------------------------------------|---|
| Increased exposure and costs | Over-budgeting/increased cost due to inconsistent chemical dispensing |
| | Potential for harmful exposure and worker safety hazards |
| | Surface degradation caused by overly acidic or basic chemical mixes, increasing replacement costs |
| Excess residue | Higher frequency of sticky floors/surfaces |
| | Re-cleaning of surfaces |
| | Additional labor/effort, increasing labor and product costs |
| | Potential for harmful exposure due to manual dilution |



Accuracy and sustainability go hand in hand.

You don't need to sacrifice your sustainability goals for effective cleaning and disinfection. The correct combination of chemical concentrate and water prevents excess depletion of valuable disinfectants to eliminate product waste and reduce water usage.



Improved dilution accuracy reduces waste and minimizes chemical use.

Fighting a new foe: SARS-CoV-2.

You and your staff have an even harder job to do with the arrival of SARS-CoV-2, the virus that causes COVID-19. The right disinfectant matched with best practices can help you keep your facility clean and protected without significant impact on your process, productivity or cost. Follow these best practices for proper disinfection:

Ensure accurate dilution. Accuracy is more important now than ever. Choose a chemical management solution that's proven to maximize accuracy.

Keep high-touch surfaces clean. Frequent disinfection of high-touch areas can help stop the spread of germs.¹

Adhere to dwell times. Without proper dwell times, you may leave germs on surfaces.

EPA registered for the SARS-CoV-2 efficacy claim with a 1 minute dwell time

- | | |
|--|--|
| 3M™ Quat Disinfectant Cleaner Concentrate (#5) | 3M™ MBS Disinfectant Cleaner Fresh Scent Concentrate (#41) |
| 3M™ Neutral Quat Disinfectant Cleaner (#23) | 3M™ MBS Disinfectant Cleaner Concentrate (#42) |
| 3M™ Disinfectant Cleaner RCT Concentrate (#40) | |



As many as seven 3M™ Cleaning Concentrates are Green Seal™ Certified, and all are concentrated to maximize value and cut packaging waste.



Many 3M Cleaning Concentrates are packaged in bottles made with 25% post-consumer recycled content.



Using 3M™ Chemical Management Solutions can help contribute to LEED certification.

The right solution for your cleaning challenges.



3M™ Flow Control Wall Mount System.

Minimize worker interaction with chemicals and help ensure you have the right concentration of disinfectant to kill germs, including SARS-CoV-2, on surfaces. With its unique flow control technology, the 3M Flow Control Wall Mount System delivers accurate cleaning solutions directly into your containers.

Whether you're cleaning a hospital, classroom, office building or retail space, you know you're getting the right amount of chemicals to do the job.

- At least 55% more accurate dilution²
- 17–49% more compact³ while holding up to four half-gallon bottles
- Simple dispensing dial improves efficiency and productivity
- Three-point locking system limits chemical exposure and helps prevent theft
- Compatible with 25 different 3M™ Cleaning Concentrates
- 3M Flow Control concentrate bottles are made with 25% post-consumer recycled content and are BPA-free
- Compact size measurements: 12.25" w x 22.5" h x 6.3" d

The 3M™ Flow Control Portable Dispensing System.

Reusable, portable dispensers are designed for durability, comfort and the same accuracy as the wall dispenser.



- Improved flexibility, convenience and staff productivity
- Designed for half-gallon bottles of 3M Cleaning Concentrates
- Foaming adapter sold separately

| 3M™ Flow Control Systems Dispensing Reduction | Low End | High End |
|---|------------|------------|
| Estimated pounds/year reduced into drain | 55% | 96% |
| Quats | 263 | 460 |
| Detergents | 197 | 345 |
| Total estimated reduction of disinfectant/detergent substances | 461 | 806 |

For context, the American Hospital directory lists 4,000 hospitals in the U.S., with a total of 810,000 beds. An average healthcare facility in highly populated states with a large number of hospitals (e.g., New York and Massachusetts) has 250–350 beds; the largest hospitals in these states have 1,000–2,500 beds. These estimates are based on sales data for three cleaning solution products at three hospital facilities, averaged to represent a 500-bed facility. ahd.com/state_statistics.html



3M™ Cleaning and Disinfecting Solutions are a component of the 3M™ Clean & Protect Certified Badge Program, which helps you demonstrate your commitment to a clean environment to your employees and guests. Contact a 3M representative for information on how to participate.

A simple twist mixes any chemical you need.

3M™ Twist 'n Fill™ Chemical Management System.

Using a single dispenser makes diluting solutions easier and more efficient. The 3M™ Twist 'n Fill™ System accurately dilutes and dispenses virtually any cleaning solution. Just pick a 3M™ Twist 'n Fill™ System chemical concentrate, insert your bottle, and twist and fill. Simple. Efficient. Accurate.

- Fits almost any cleaning closet
- One dispenser mixes over 30 chemicals
- Change out chemicals in seconds
- Air gap prevents backflow

With two flow rates, 3M™ Twist 'n Fill™ Chemical Management System can easily dilute solutions for mop bucket and spray bottles.



Get your customized wall chart.

Help your staff determine what chemicals to use. Choose from set templates and customize the information for your specific facility, or we can also help you create a completely custom wall chart for your team. For details, visit 3M.com/facility.

| 3M™ Twist 'n Fill™ Chemical Management System Reduction | Low End | High End |
|---|------------|------------|
| Estimated pounds/year reduced into drain | 36% | 96% |
| Quats | 172 | 460 |
| Detergents | 130 | 345 |
| Total estimated reduction of disinfectant/detergent substances | 302 | 806 |

For context, the American Hospital directory lists 4,000 hospitals in the U.S., with a total of 810,000 beds. An average healthcare facility in highly populated states with a large number of hospitals (e.g., New York and Massachusetts) has 250–350 beds; the largest hospitals in these state have 1,000–2,500 beds. These estimates are based on sales data for three cleaning solution products at three hospital facilities, averaged to represent a 500-bed facility. ahd.com/state_statistics.html

Download the 3M™ COSMO App.

The 3M Commercial Solutions MOBILE (COSMO) app gives you instant access to 3M Commercial Solutions product information.



- Quickly access and view 3M products and how-to videos.
- Download and save content to your device in custom folders so you can view it later without internet access.
- Easily share multiple pieces of literature and/or videos to multiple email addresses at one time.





General Areas

Most hard, non-porous surfaces, including windows, glass, mirrors, carpets, floors and walls.



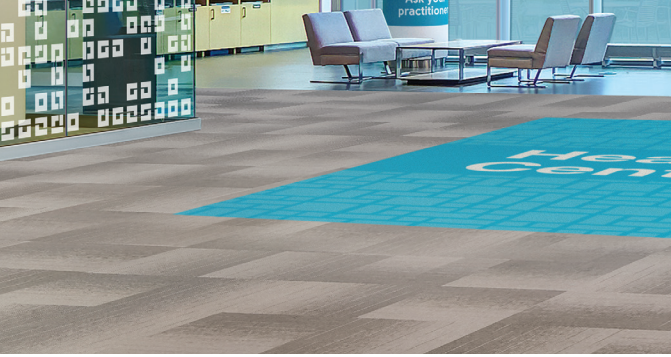
Restroom Areas

Bathroom mirrors, tile, bowls, urinals and fixtures.



3M™ Cleaning Concentrates: A concentrated solution for many challenges, and different, hard, non-porous surfaces.

- | | | |
|---|--|--|
| <p>1 3M™ Glass Cleaner Concentrate Non-streaking. For windows, glass and other mirrored surfaces. RTU color: Light blue/purple. TNF 30; FCS 35 gallons.</p>  | <p>7 3M™ Food Service Degreaser Concentrate Removes food and oily soils from hard surfaces such as walls, floors, tables and vinyl. RTU color: Light yellow. TNF 123; FCS 149 gallons.</p> | <p>15 3M™ Non-Acid Disinfectant Bathroom Cleaner Concentrate Daily use. EPA-registered for bowls, urinals and other hard, non-porous surfaces. RTU color: Clear to light green. TNF 61; FCS 61 gallons.</p> |
| <p>2 3M™ Heavy Duty Multi-Surface Mark Remover Concentrate Removes most spots, stains and grease from washable surfaces. RTU color: Light purple. TNF 7; FCS 7.25 gallons.</p> | <p>8 3M™ General Purpose Cleaner Concentrate All-purpose, everyday cleaner. Use on floors, walls and other hard, non-porous surfaces. RTU color: Light pink. TNF 35; FCS 35 gallons.</p>  | <p>16 3M™ Sanitizer Concentrate EPA-registered sanitizer for walls, floors and other hard, non-porous surfaces. Safe for sanitizing food contact surfaces. RTU color: Clear. TNF 135; FCS 75 gallons.</p> |
| <p>3 3M™ Neutral Cleaner Concentrate No-rinse, low-foaming formula. Use with mop or automatic scrubber. Fresh scent. RTU color: Light green/yellow. TNF 207; FCS 172 gallons.</p>  | <p>11 Scotchgard™ Bonnet Cleaner Concentrate For lightly soiled carpets. Helps maintain properties of carpets treated with Scotchgard™ Protector. Neutral pH is safe for cleaning nylon stain-resistant carpets. RTU color: Clear. TNF 26 gallons.</p> | <p>17 3M™ Glass Cleaner and Protector Scotchgard™ Technology helps reduce fogging on windows and mirrors after repeated use. RTU color: Blue. TNF 42; FCS 40 gallons.</p>  |
| <p>4 3M™ Bathroom Disinfectant Cleaner Concentrate EPA-registered disinfectant cleaner removes soap scum and scale from bathroom surfaces. RTU color: Light forest green. TNF 27; FCS 26 gallons.</p> | <p>12 3M™ Deodorizer — Country Day Scent Concentrate Long-lasting deodorizer leaves a light, floral scent. RTU color: Pink. TNF 36 gallons.</p> | <p>19 3M™ Non-Acid Bathroom Cleaner Concentrate Daily use. For bowls, urinals and other hard, non-porous surfaces, and soap scum. RTU color: Light green. TNF 26 gallons.</p> |
| <p>5 3M™ Quat Disinfectant Cleaner Concentrate EPA-registered. Effective against SARS-CoV-2, HIV-1, MRSA, VRE, and other microorganisms. Rinse-free, fresh fragrance. RTU color: Light green. TNF 127; FCS 107 gallons.</p>  | <p>13 3M™ Deodorizer — Fresh Scent Concentrate Long-lasting deodorizer leaves a fresh, clean scent. RTU color: Blue. TNF 30; FCS 30 gallons.</p> | <p>20 3M™ Heavy Duty Glass Cleaner Concentrate Non-streaking. For windows, glass and mirrors, and other mirrored surfaces. RTU color: Light blue/purple. TNF 12 gallons.</p> |
| <p>6 3M™ Speed Stripper Concentrate Five-minute stripper. Removes sealers and floor finish buildup and finishes hardened by frequent burnishing. No unpleasant odor. RTU color: Light blue. TNF 8.2; FCS 10 gallons.</p> | <p>14 3M™ Deodorizer — Mountain Spice Concentrate Long-lasting deodorizer leaves a fragrant, spiced scent. RTU color: Yellow-green. TNF 36 gallons.</p> | <p>22 3M™ Floor Stripper LO Concentrate Low-odor, low-foaming, five-minute stripper for sealers, floor-finish buildup and finishes hardened by frequent burnishing. RTU color: Light green. TNF 11; FCS 11 gallons.</p> |



Carpet Areas

Prespray and extraction cleaning for colorfast and nylon stain-resistant carpets.



Hard Floor Maintenance

Cleaning and stripping for hard floors.



Food Service Area

Cleaning and degreasing walls, floors, tables, carpets and seating.



23 3M™ Neutral Quat Disinfectant Cleaner Concentrate

EPA-registered. Effective against SARS-CoV-2, HBV, HIV-1, MRSA, VRE, and other microorganisms. Rinse-free, low-foaming, neutral pH formula. RTU color: Light green. TNF 120; FCS 100 gallons.



28 Scotchgard™ Pretreatment Cleaner Concentrate

For heavily soiled areas of colorfast carpet. Use as a prespray prior to extraction or shampooing. RTU color: Clear. TNF 24; FCS 26 gallons.



41 3M™ MBS Disinfectant Cleaner Fresh Scent Concentrate

EPA-registered. Effective against SARS-CoV-2 (1 minute dwell), HIV-1, Norovirus, MRSA, VRE, *Acinetobacter Baumannii* and other microorganisms (5 minute dwell). Fresh fragrance. RTU color: green. TNF 123; FCS 110 gallons.



24 3M™ 3-in-1 Floor Cleaner Concentrate

Low-foaming. For use in automatic scrubbers. For scrubbing before recoating, cleaning before burnishing and daily cleaning. RTU color: Blue. TNF 137; FCS 132 gallons.



33 3M™ Neutral Cleaner LO Concentrate

Specially formulated for minimal residue. Low odor. RTU color: Light peach. TNF 207 gallons.



42 3M™ MBS Disinfectant Cleaner Concentrate

EPA-registered. Effective against SARS-CoV-2 (1 minute dwell), HIV-1, Norovirus, MRSA, VRE, *Acinetobacter Baumannii* and other microorganisms (5 minute dwell). Low odor and dye-free. RTU color: Clear. TNF 123; FCS 110 gallons.



25 3M™ HB Quat Disinfectant Cleaner Concentrate

EPA-registered. Effective against HIV-1, HBV, MRSA, VRE and other microorganisms. Rinse-free. RTU color: Clear to light yellow. TNF 180; FCS 155 gallons.



34 3M™ Peroxide Cleaner Concentrate

Daily use, no residue. For carpet and hard, non-porous surfaces such as floors, walls, tables, bathroom fixtures, tile, grout and more. Low odor. RTU color: Clear. TNF 53; FCS 50 gallons.



44 3M™ Bathroom Cleaner Concentrate

Removes soap scum and scale from bathroom surfaces. RTU color: Light forest green. TNF 27; FCS 26 gallons.



26 3M™ Industrial Degreaser Concentrate

Removes petroleum-based grease and oil, animal fats, and heavy dirt buildup. Can be used in industrial plants, schools, hospitals and other facilities. RTU color: Red. TNF 74; FCS 76 gallons.



35 3M™ Clean & Shine Daily Floor Enhancer

Daily use. Repairs fine scratches while providing superior cleaning efficiency, requiring less burnishing to maintain shine, thus extending life of protective floor coating. Usage of this product reduces frequency of required floor restoration.



51 3M™ Bathroom & Shower Cleaner Concentrate

For daily cleaning of surfaces such as ceramic tile, stainless steel, fixtures, floors and more. Can be used on shower walls, floors and fixtures. RTU color: Milky white. TNF 29; FCS 28 gallons.



27 Scotchgard™ Extraction Cleaner Concentrate

Low-foaming. For use on colorfast carpet. Neutral pH safe for nylon stain-resistant carpets. RTU color: Clear. TNF 53; FCS 55 gallons.



40 3M™ Disinfectant Cleaner RCT Concentrate

EPA-registered. Effective against SARS-CoV-2 and HIV-1 (1 minute dwell), HBV, MRSA, VRE, *Acinetobacter Baumannii* and other microorganisms (3 minute dwell). Rinse-free, fragrance-free and dye-free. RTU color: Clear TNF 123; FCS 116 gallons.



52 3M™ Tile, Grout & Bowl Cleaner Concentrate

For periodic cleaning. Removes both hard-water scale and soap scum. RTU color: Milky white. TNF 2.6 gallons.




The Carpet and Rug Institute (CRI) Seal of Approval addresses cleaning effectiveness by testing and certifying only those products that meet high performance standards.



Product No. 8, 34: Skin/eye damage met requirements at the as-used dilution, as specified for closed dilution systems. Products No. 24, 44: Acute toxicity and skin/eye damage met requirements at the as-used dilution, as specified for closed dilution systems.

Products meet Green Seal™ Standard GS-37 based on effective performance, concentrated volume, minimized/recycled packaging and protective limits on: VOCs and human and environmental toxicity. Greenseal.org

Ordering Information

| Product Description | 3M™ Twist 'n Fill™ Gray Cap* | 3M™ Flow Control System |
|------------------------------------|------------------------------|---|
| 1 Glass Cleaner | 23357 (L) | 85843 (A) |
| 2 HD Multi-Surface | 19202 (L) | 85827 (A) |
| 3 Neutral Cleaner | 20200 (H) 59167 (L) | 85789 (A) |
| 4 Bathroom Disinfectant | 19204 (L) | 85806 (A) |
| 5 Quat Disinfectant | 23219 (H) 23218 (L) | 85926 (A)  |
| 6 Speed Stripper | 19208 (H) | 85872 (A) |
| 7 Food Service Degreaser | 23346 (H) 23347 (L) | 85828 (A) |
| 8 General Purpose Cleaner | 19212 (H) 19211 (L) | 85871 (A) |
| 11 Scotchgard™ Bonnet Cleaner | 25981 (L) | n/a |
| 12 Country Day Scent Deodorizer | 20119 (L) | n/a |
| 13 Fresh Scent Deodorizer | 20121 (L) | 85829 (A) |
| 14 Mountain Spice Scent Deodorizer | 20120 (L) | n/a |
| 15 Non-Acid Disinfectant Bath† | 20787 (L) | 85830 (A)  |
| 16 Sanitizer | 20112 (L) | 85831 (A) |
| 17 Glass Cleaner and Protector | 59980 (L) | 85790 (A) |
| 19 Non-Acid Bath Cleaner | 23207 (L) | n/a |
| 20 HD Glass Cleaner | 23360 (L) | n/a |

| Product Description | 3M™ Twist 'n Fill™ Gray Cap* | 3M™ Flow Control System |
|--|------------------------------|---|
| 22 Floor Stripper LO | 23555 (H) | 85833 (A) |
| 23 Neutral Quat Disinfectant† | 23552 (H) 26057 (L) | 85927 (A)  |
| 24 3-in-1 Floor Cleaner | 23553 (H) | 85834 (A) |
| 25 HB Quat Disinfectant | 23550 (H) 23551 (L) | 85791 (A) |
| 26 Industrial Degreaser Cleaner | 29664 (H) 29665 (L) | 85835 (A) |
| 27 Scotchgard™ Extraction Cleaner | 34857 (H) | 85928 (A) |
| 28 Scotchgard™ Pretreatment Cleaner | 34858 (H) | 85995 (A) |
| 33 Neutral Cleaner LO | 59169 (H) | n/a |
| 34 Peroxide Cleaner | 59288 (H) 59749 (L) | 85792 (A) |
| 35 Clean & Shine Daily Floor Enhancer | 84616 (H) | 84615 (A) |
| 40 Disinfectant Cleaner RCT | 85783 (L) | 85837 (A)  |
| 41 MBS Disinfectant Fresh Scent Cleaner† | 86047 (H) 86045 (L) | 86044 (A)  |
| 42 MBS Disinfectant Cleaner† | 86049 (H) 86050 (L) | 86046 (A)  |
| 44 Bathroom Cleaner | 59164 (L) | 85929 (A) |
| 51 Bath & Shower Cleaner | 26321 (L) | 85930 (A) |
| 52 Tile, Grout and Bowl Cleaner | 26323 (L) | n/a |

| Dispensers | 3M UPC |
|--|--------|
| 3M™ Twist 'n Fill™ System | |
| 3M™ Twist 'n Fill™ System Dispenser, Gray | 23592 |
| 3M™ Twist 'n Fill™ System Dispenser, Pressure Relief Fitting Gray Cap | 25932 |
| 3M™ Flow Control System | |
| 3M™ Flow Control Portable Dispenser | 85849 |
| 3M™ Flow Control Chemical Dispenser, Action Gap | 85850 |
| 3M™ Flow Control Chemical Dispenser, Action Gap, Pressure Relief Valve | 85851 |
| 3M™ Flow Control Chemical Dispenser, Air Gap | 85852 |
| 3M™ Flow Control Chemical Dispenser, Air Gap, Pressure Relief Valve | 85853 |
| 3M™ Flow Control System Spray/Foam Applicator for Portable Dispenser | 85882 |

* (H) signifies TNF High-Flow Bottle; (L) signifies TNF Low-Flow Bottle.

 Effective against SARS-CoV-2 (the cause of COVID-19).

† Meets the criteria defined in the U.S. EPA Emerging Pathogen Policy.

IMPORTANT NOTICE: Always refer to chemical product label prior to use. To learn more about SARS-CoV-2, please refer to the 3M Technical Talk "Coronavirus Disease 2019 (COVID-19) Tech Talk."



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Please recycle. 78-8134-0831-3 June 2021

1. Reopening Guidance for Cleaning and Disinfecting Public Spaces, Workplaces, Businesses, Schools, and Homes. Centers for Disease Control (CDC). Accessed online 10/21/2020. <https://www.cdc.gov/coronavirus/2019-ncov/community/reopen-guidance.html>.
2. The 3M™ Flow Control System (FCS) is 55% more accurate on average at diluting chemical concentrates than the nearest competitive system when used under laboratory conditions at water pressures ranging from 20 to 120 psi.
3. The 3M™ Flow Control System is 17–49% smaller in cabinet size volume than the four competitive four-bottle dispenser systems tested.

Product Selection and Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

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