

3M Science.
Applied to Life.™

3M™ Chemical Management Solutions

Complicated cleaning made simple.

Take the guesswork out of mixing, dispensing and using chemicals with safe, accurate 3M chemical management solutions.

Leading and differentiating with accuracy.

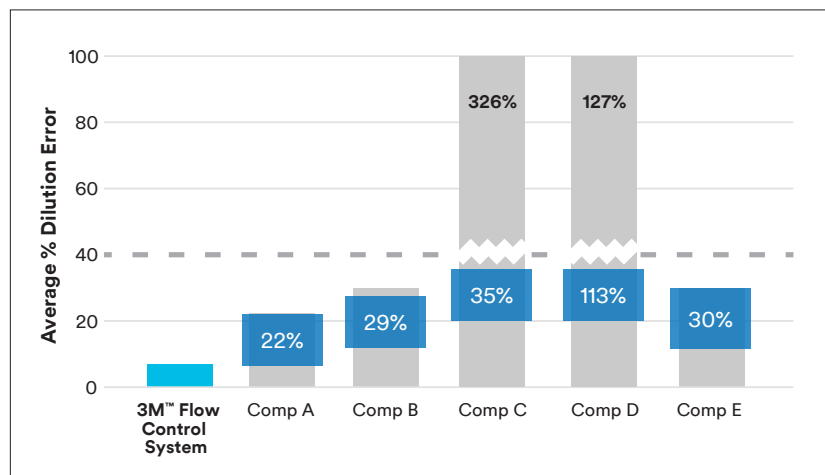
Chemical accuracy and overall sustainability go hand in hand. With an accurate chemical control system, facility managers can maximize product usage, budget, safety and surface longevity. 3M™ Chemical Management Solutions control the flow of water by adjusting to changing water pressures, providing an accurate ready-to-use (RTU) solution.

Consequences of inaccuracy:

- Over and under budgeting due to inconsistent chemical dispensing
- Increased labor to counter performance issues of incorrectly mixed concentrates
- Harmful exposure to under-diluted chemicals
- Decreased efficacy of over-diluted chemicals
- Surface degradation caused by overly acidic or basic chemical mixes

3M has the lowest dilution error of six leading competitive systems.

Dispensers tested over a dynamic water pressure range of 20–120 psi.



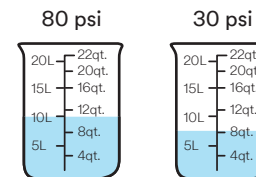
Over-Dilution (too much water)

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

Under-Dilution (too much chemical)

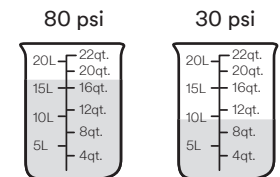
Increased exposure and costs	Over budgeting/increased cost due to inconsistent chemical dispensing
	Potential for harmful exposure and worker safety hazards
	Surface degradation caused by overly acidic or basic chemical mixes, increasing replacement costs
Excess residue	Higher frequency of sticky floors/surfaces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

3M™ Flow Control System



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

Competitor





Mutually beneficial. Making greener cleaner.

Another important result of accurate chemical use is the environmental advantage it can bring to your facility. The correct combination of chemical concentrate and water prevent excess depletion of expensive disinfectants and eliminates product waste. Additionally, an accurate mixture will dispense exactly the right amount of water thus reducing water usage for the facility.

Improved dilution accuracy reduces waste and minimizes chemical use.



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.



Right amount of solution. Right amount of clean.



3M™ Flow Control Wall Mount System.

Featuring unique flow control technology, the 3M™ Flow Control Wall Mount System delivers accurate cleaning solutions directly into your containers, minimizing worker interaction with chemicals.

So 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 right.

- At least 55% more accurate dilution¹
- 17–49% more compact,² while holding up to four half-gallon bottles
- Simple dispensing dial improves safety and productivity
- 3-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 lbs/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 US with a total of 810,000 beds. An average healthcare facility in highly populated states with a large number of hospitals (e.g. NY and MA) 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



A simple twist mixes any chemical you need.

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

The 3M™ Twist 'n Fill™ System makes diluting solutions easier and safer. A single dispenser accurately dilutes and dispenses virtually any cleaning solution. Just pick a chemical concentrate. Insert your bottle. 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 lbs/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 US with a total of 810,000 beds. An average healthcare facility in highly populated states with a large number of hospitals (e.g. NY and MA) 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 numerous email addresses at one time





General Areas

Most washable surfaces, including windows, glass, mirrors, carpets, floors and walls.



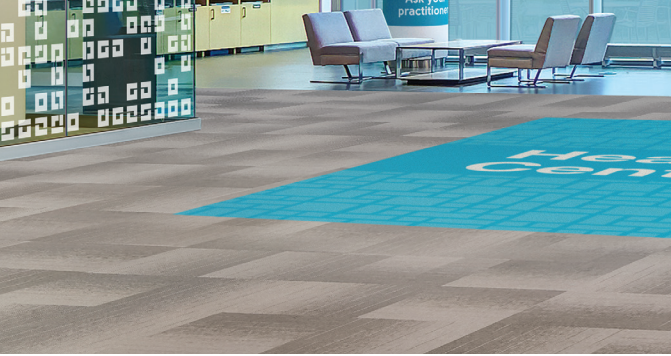
Restroom Areas

Bathroom mirrors, tile, bowls, urinals and fixtures.



3M™ Cleaning Concentrates. A concentrated solution for almost any cleaning challenge.

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| <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 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 nonporous 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 surfaces and soap scum. RTU color: Light green. TNF 26 gallons.</p>  |
| <p>5 3M™ Quat Disinfectant Cleaner Concentrate
EPA-registered, for use in hospitals. Kills HIV-1, MRSA, VRE, herpes simplex I and II and other pathogens. Rinse-free, pleasant 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**
For use in hospitals. EPA-registered disinfectant cleaner kills HBV, HIV-1, MRSA, VRE, herpes simplex I and II and other pathogens. 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.

42 **3M™ MBS Disinfectant Cleaner Concentrate**
EPA-registered disinfectant cleaner for use in hospitals. Kills HIV-1, Hepatitis B and C, Norovirus, MRSA, VRE, *Acinetobacter baumannii*, Influenza A Virus and other pathogens in five minutes. Low odor and dye free. RTU color: Clear. 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.

44 **3M™ Bathroom Cleaner Concentrate**
Removes soap scum and scale from bathroom surfaces. RTU color: Light forest green. TNF 27; FCS 26 gallons.

25 **3M™ HB Quat Disinfectant Cleaner Concentrate**
Rinse-free, EPA-registered disinfectant for cleaning noncritical items. For use in hospitals. Kills hepatitis B virus (HBV), HIV, MRSA, VRE, herpes simplex I and II and other pathogens. RTU color: Clear to light yellow. TNF 180; FCS 155 gallons.

34 **3M™ Peroxide Cleaner Concentrate**
Daily use, no residue. For carpet and nonporous surfaces such as floors, walls, tables, bathroom fixtures, tile, grout and more. Low odor. RTU color: Clear. TNF 53; Green Seal certified only in TNF. FCS 50 gallons.

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.

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.

40 **3M™ Disinfectant Cleaner RCT Concentrate**
EPA-registered. For use in hospitals. Kills HIV-1, HBV, MRSA, VRE, KPC, *Acinetobacter* and other pathogens in three minutes. 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.

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.

41 **3M™ MBS Disinfectant Cleaner Fresh Scent Concentrate**
EPA-registered. For use in hospitals. Kills HIV-1, Hepatitis B and C, Norovirus, MRSA, VRE, *Acinetobacter baumannii*, Influenza A Virus and other pathogens in five minutes. Fresh scent fragrance. RTU color: Green. TNF 123; FCS 110 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 & 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

Product Description	3M™ Twist 'n Fill™ Gray Cap*	3M™ Flow Control System
20 HD Glass Cleaner	23360 (L)	n/a
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)
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

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

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



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1. 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.
2. 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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