

3M Cleaning & Workplace Safety

20th July 2020

To: End User and Customer.

Report No. CWS/34/2020

Subject: 3M™ General Purpose Cleaner cum Disinfectant “P2” solution, microbial performance declaration.

3M™ continues to maintain standards of manufacturing excellence, quality products, customer service and environmental leadership. 3M™ has internal policies designed to grow and protect our business, customers, and the environment.

Recommendation from ECDC European Centre for Disease prevention and Control for disinfecting common offices and places: - **Benzalkonium chloride** one of the antimicrobial effective against coronavirus at 0.05% concentration with 1-minute contact time. Please visit ECDC website for more details.

3M™ General Purpose Cleaner and Disinfectant, is concentrated disinfectant cum cleaner containing active ingredient anti-microbial BKC i.e **Benzalkonium chloride** 2.25% wt/wt.

Test solution dilution Ratio 25 ml P2 in 1-liter potable water.

Microbial performance

Sr. No	Test Specimen microbes	Log reduction	Contact time
1	Virucidal	>3 Log reduction	30 sec
2	Bactericidal gram +ve	>8 Log reduction	60 sec
3	Bactericidal gram -ve	>8 Log reduction	60 sec
4	Fungicidal	>8 Log reduction	60 sec

Test as per as per EN and ASTM std by approved NABL certified Labs

Residual microbial performance (up to 17 days as per test report)

Specimen microbes	Initial Population	Final Population	Log reduction
ATCC 6538	2.1×10^5	< 10	>3 Log reduction
ATCC 4352	1.8×10^5	28	>3 Log reduction

Test as per AATCC standard on fiber material by reputed international lab,

1 Log = 90%, 2 Log = 99%, 3 Log = 99.9% reduction or kill rate against microbe, minimum required Log value is 3 Log reduction.

Note:

Refer to product Material Safety Data Sheets for specific health hazard, first aid and precautionary information.

However, due to the wide variety of intervening factors, which are beyond 3M control end customer must evaluate application before use. For more information please contact our nearest 3M representative

Thanking You,



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