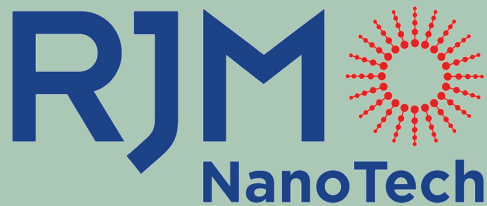
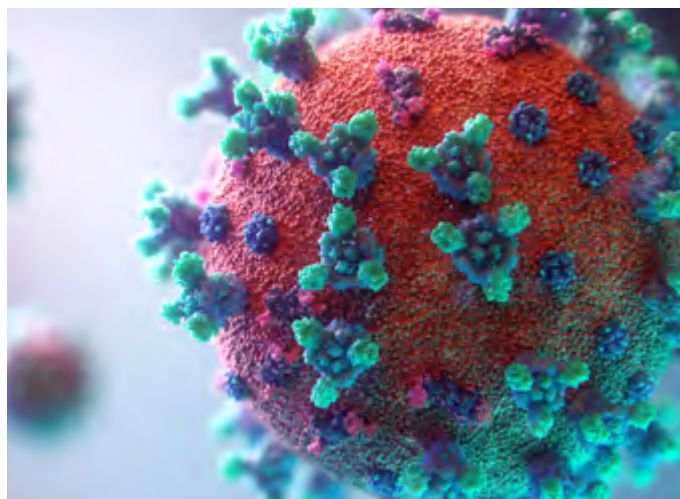


# Zetrisil<sup>®</sup>

## THE TOTAL COVID-19 SOLUTION

RJM NanoTech's mission is to supply a complete COVID solution from protecting our children to the elderly. Instrumental in that effort are ESC Brands products. ESC's Zetrisil<sup>®</sup>-based technologies are proven to kill Covid-19 quickly on all surfaces (including in the wash) and continues to kill for extended periods, lowering viral loadings in any given environment and reducing the probability of COVID transfer in the home, schools, workplace and public spaces.



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# ZETRISIL-BASED PRODUCTS - COVID APPLICATIONS



## SURFACE SANITIZER/DISINFECTANT

Designed for use on all surfaces in the home and workplace, including HVAC systems, public transport and certified for use on aircraft. Kills COVID in 10 minutes and continues to kill in 10 minutes on treated surfaces for up to 30 days.



## LIQUID + GEL HAND SANITIZER

An alcohol-free formula that is safe for repeated use on hands of all ages. These Zetril-based products kill COVID-19 in 30 seconds & continue to kill for up to 4 hours.



## BODY SPRAY

An alcohol-free formula that is safe for use on the skin and kills COVID-19 in 30 seconds.

## LAUNDRY COMPLETE

Designed for use on all machine washable clothing. Kills COVID-19 in 15 minutes in the wash cycle and washed/completed clothes will continue to kill COVID-19 for up to 200 days after just one wash. Compatible with all washing machines.



## WATERLESS MEDICATED SHAMPOO CAPS

Designed for all emergency or infirmed care patients, use of these caps kills COVID-19 while gently washing the hair.



## SANITIZING HAND WIPES

An alcohol-free formula that is safe for repeated use on hands of all ages. These Zetril-based products kill COVID-19 in 30 seconds & continue to kill for up to 4 hours.



## DISINFECTANT WIPES

Presturated wipes that contain a broad spectrum bactericide/viricide safe for repeated use on all surfaces. Kills COVID-19 in 30 seconds & continues to kill for up to 4 hours.



**TABLE 1. VIRUCIDAL EFFICACY OF MY-SHIELD® SURFACE SANITIZER/DISINFECTANT AGAINST CORONA VIRUS FAMILY**

Corona Virus Surrogate	Test Method	Carrier Surface	Test Soil, introduced contamination	Test Dilution Active Percentage	Contact Time 10 minutes	Time after application 1 day	Time after application 4 day	Time after application 5 day	Time after application 7 day	Time after application 14 day	Time after application 30 day	Time after application 90 day	Reference #
						Contact time 10 minutes	Contact time 10 minutes	Contact time 10 minutes	Contact time 10 minutes	Contact time 10 minutes	Contact time 10 minutes	Contact time 10 minutes	
(ATCC) murine hepatitis virus-S, MHV-S	ASTM E1053 – 20	Stainless Steel	No	Nil		>log 3.00 (99.9%)	>log 3.00 (99.9%)	>log 3.00 (99.9%)	>log 4.00 (99.99%)	>log 4.00 (99.99%)	>log 4.00 (99.99%)		#01
(ATCC) murine hepatitis virus-S, MHV-S	ASTM E1053 – 20	Stainless Steel	Yes	Nil			>log 3.00 (99.9%)			>log 3.00 (99.9%)			#02
(ATCC #VR-740) strain 229E	ASTM E1053 – 20	Stainless Steel	Yes	Nil	>log 4.00 (99.99%)								#03
(ATCC) murine hepatitis virus-S, MHV-S	ASTM E1053 – 20	Stainless Steel	No	Nil								>log 2.50 (99.50%)	#16
(ATCC) murine hepatitis virus-S, MHV-S	ASTM E1053 – 20	Stainless Steel	No	Nil								>log 3.50 (99.95%)	#19
(ATCC) murine hepatitis virus-S, MHV-S	ASTM E1053 – 20	Stainless Steel	Yes	Nil	>log 3.00 (99.9%)		>log 4.00 (99.99%)		>log 3.84 (99.98%)	>log 2.5 (99.68%)			#20

**TABLE 2. VIRUCIDAL EFFICACY OF MY-SHIELD® HAND SANITIZER AGAINST CORONA VIRUS FAMILY**

Corona Virus Surrogate	Test Method	Carrier Surface	Test Soil	Test Dilution Active Percentage	Contact Time 30 seconds	Contact Time 60 seconds	Time after application 2hrs	Time after application 4hrs	Reference #
							Contact time 60 seconds	Contact time 60 seconds	
(ATCC VR-2126) feline infectious peritonitis		Human Hands				>log 3.19 (99.9%)			#04
"(ATCC) murine hepatitis virus-S, MHV-S"		Porcein Skin							#05
"(ATCC) murine hepatitis virus-S, MHV-S"		Porcein Skin							#06
"(ATCC) murine hepatitis virus-S, MHV-S"		Porcein Skin							#07
"(ATCC) murine hepatitis virus-S, MHV-S"		Porcein Skin							#08
"(ATCC) murine hepatitis virus-S, MHV-S"		non suspension test							#09
(ATCC #VR-740) strain 229E	ASTM E1052-II	non suspension test			>log 3.00 (99.9%)	>log 3.00 (99.9%)			#10

**TABLE 3. VIRUCIDAL EFFICACY OF MY-SHIELD® BODY SPRAY AGAINST CORONA VIRUS FAMILY**

Corona Virus Surrogate	Test Method	Carrier Surface	Test Soil	Test Dilution Percentage	Contact Time 30 seconds	Contact Time 60 seconds	Contact Time 120 seconds	Reference #
"(ATCC) murine hepatitis virus-S, MHV-S"		non suspension test	No	Nil		>log 3.00 (99.9%)		#11
"(ATCC) murine hepatitis virus-S, MHV-S"		Porcine Skin	No	Nil				#17

**TABLE 4. VIRUCIDAL EFFICACY OF MY-SHIELD® LAUNDRY COMPLETE AGAINST CORONA VIRUS FAMILY**

Corona Virus Surrogate	Test Method	Carrier Surface	Test Soil, introduced contamination	Test Dilution Active percentage	Contact Time 15 minutes	Time after application 1 days Contact time 1 hour	Time after application 5 days Contact time 1 hour	Time after application 7 days Contact time 1 hour	Time after application 200 days Contact time 15 minutes	Time after application 200 days Contact time 30 minutes	Contact Time 60 seconds	Reference #
"(ATCC) murine hepatitis virus-S, MHV-S"		non suspension test	No	0.0188	>log 4.00 (99.99%)							#12
"(ATCC) murine hepatitis virus-S, MHV-S"		Fabric	No	0.0188					>log 0.77 (83.02%)	>log 1.45 (96.45%)	>log 2.00 (99.00%)	#13
"(ATCC) murine hepatitis virus-S, MHV-S"		Fabric	Yes	0.0188								#14

**TABLE 5. VIRUCIDAL EFFICACY OF PHARMA-CARE® WATERLESS MEDICATED SHAMPOO CAP AGAINST CORONA VIRUS FAMILY**

Corona Virus Surrogate	Test Method	Carrier Surface	Test Soil	Test Dilution Active Percentage	Contact Time 30 seconds	Contact Time 60 seconds	Contact Time 120 seconds	Reference #
(ATCC) murine hepatitis virus-S, MHV-S		non suspension test	No	Nil				#15

**TABLE 6. VIRUCIDAL EFFICACY OF MY-SHIELD® SANITIZING HAND WIPES AGAINST CORONA VIRUS FAMILY**

Corona Virus Surrogate	Test Method	Carrier Surface	Test Soil	Test Dilution Active Percentage	Contact Time 30 seconds	Contact Time 60 seconds	Contact Time 120 seconds	Reference #
(ATCC) murine hepatitis virus-S, MHV-S			No	Nil				#18

**TABLE 7. VIRUCIDAL EFFICACY OF MY-SHIELD® DISINFECTANT SURFACE WIPES AGAINST CORONA VIRUS FAMILY**

Corona Virus Surrogate	Test Method	Carrier Surface	Test Soil	Test Dilution Active Percentage	Contact Time 30 seconds	Contact Time 60 seconds	Contact Time 120 seconds	Reference #
(ATCC) murine hepatitis virus-S, MHV-S								#20



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