Glyclean™ D

Bactericidal, Viricidal, and Fungicidal Efficacy

Product Information

Product Efficacy

Chemours Glyclean™ D products have been registered with the US EPA as either manufacturing use products as active ingredients in formulating liquid, hard, non-porous surface disinfectants on household, industrial, institutional, or commercial premises, or as formulated disinfectants for hard, non-porous surfaces on household, industrial, institutional, or commercial premises. Chemours Glyclean D70 may also be used in formulating disinfecting cleaners for use in agricultural premises and food processing facilities, as well as on food processing equipment. Label directions must specify that all food, feed, and animals be removed prior to application and that application of the end-use formulation must be followed by a potable water rinse.

In the EU, the Glyclean D products can be utilized in formulations for National Registrations. The BPR process provides a transition period that supports registering new formulations utilizing Glyclean D is currently found in formulations in Canada and many other countries around the world.

Details describing the bactericidal, viricidal, and fungicidal properties of the Glyclean D portfolio are shown below. The results reported herein were performed by third-party contract laboratories.

In total, these studies have demonstrated the efficiacy of Glyclean D products against:

- nine different strains of both gram-positive and gram-negative bacteria
- nine different strains of virus
- two different strains of fungus

North American Products

Summary of Glyclean D70 Efficacy Studies

Species	Guideline	Wt % Acid	% Reduction
E. coli	AOAC 955.14 ; 964.02	5.0%	>99.999
E. coli O157:H7	AOAC 955.14 ; 964.02	5.0%	>99.999
Listeria mono.	AOAC 955.14 ; 964.02	5.0%	>99.999
Linsteria welsh.	AOAC 955.14 ; 964.02	5.0%	>99.999
Pseudomonas aer.	AOAC 955.14 ; 964.02	5.0%	>99.999
Salmonella chol.	AOAC 955.14 ; 964.02	5.0%	>99.999
Salmonella typ.	AOAC 955.14 ; 964.02	5.0%	>99.999
Staphylococcus aur.	AOAC 955.14 ; 964.02	5.0%	>99.999
Herpes Simplex 1	EPA DIS/TSS-7	5.0%	>99.99
Influenza A-2	EPA DIS/TSS-7	5.0%	>99.99
Rhinovirus Type 37	EPA DIS/TSS-7	5.0%	>99.99

Summary of Broad Spectrum Disinfectant & Cleaner Efficacy Studies

Species	Guideline	Wt % Acid	% Reduction
SARS-CoV-2	ocspp 810.2200	5.5%	>99.99
Pseudomonas aer.	ocspp 810.2200	5.5%	>99.99
Salmonella ent.	ocspp 810.2200	5.5%	>99.99
Staphylococcus aur.	ocspp 810.2200	5.5%	>99.99

Chemours™

MADE IN USA

North American Products, Continued

Summary of Hard Surface Cleaner Efficacy Studies

Species	Guideline	Wt % Acid	% Reduction
SARS-Cov-2	ocspp 810.2200	5.0%	>99.99
E. coli	AOAC 955.14; 964.02	5.0%	>99.999
Pseudomonas aer.	AOAC 955.14; 964.02	5.0%	>99.999
Salmonella chlor.	AOAC 955.14; 964.02	5.0%	>99.999
Staphylococcus aur.	AOAC 955.14; 964.02	5.0%	>99.999
Herpes Simplex 1	EPA DIS/TSS-7	5.0%	>99.999
Influenza A-2	EPA DIS/TSS-7	5.0%	>99.999
Rhinovirus Type 37	EPA DIS/TSS-7	5.0%	>99.999

Summary of Pine Cleaner Efficacy Studies

Species	Guideline	Wt% Acid	% Reduction
Salmonella ent.	EPA DIS/TSS-7	2.1%	>99.999
Staphylococcus aur.	AOAC 955.14; 964.02	2.1%	>99.999
Influenza A	AOAC 955.14; 964.02	2.1%	>99.999

Summary of Toilet Bowl Cleaner Efficacy Studies

Species	Guideline	Wt% Acid	% Reduction
E. coli	AOAC 955.14 ; 964.02	9.5%	>99.9999
Pseudomonas aer.	AOAC 955.14 ; 964.02	9.5%	>99.9999
Salmonella ent	AOAC 955.14 ; 964.02	9.5%	>99.9999
Staphylococcus aur.	AOAC 955.14 ; 964.02	9.5%	>99.999
Herpes Simplex 1	EPA DIS/TSS-7	9.5%	>99.999
Influenza A-2	EPA DIS/TSS-7	9.5%	>99.999
Rhinovirus Type 37	EPA DIS/TSS-7	9.5%	>99.999

European Products

Summary of Hard Surface Cleaner & Disinfectant Efficacy Studies

Species	Guideline	Dilution Tested	% Reduction
Enterococcus hirae	UNE-EN 1276 ; 13697	80% ; 75%	>99.9999
E. coli	UNE-EN 1276 ; 13697	80% ; 75%	>99.9999
Pseudomonas aer.	UNE-EN 1276 ; 13697	80% ; 75%	>99.9999
Staphylococcus aur.	UNE-EN 1276 ; 13697	80% ; 75%	>99.9999
Aspergillus brasil.	UNE-EN 13697 ; A1	full strength	>99.9999
Candida albicans	UNE-EN 1650	60%	>99.9999
Adenovirus	NF EN 14476 ; A2	20%	>99.9999
Murine norovirus	NF EN 14476 ; A2	20%	>99.9999
Poliovirus	NF EN 14476 ; A2	20%	>99.9999

Summary of Broad Spectrum Disinfectant & Cleaner Efficacy Studies

Species	Guideline	Dilution Tested	% Reduction
Enterococcus hirae	UNE-EN 1276 ; 13697	60% ; 50%	>99.9999
E. coli	UNE-EN 1276 ; 13697	60% ; 50%	>99.9999
Pseudomonas aer.	UNE-EN 1276 ; 13697	60% ; 50%	>99.9999
Staphylococcus aur.	UNE-EN 1276 ; 13697 ; A1	60% ; 50% ; full strength	>99.9999

For more information, visit glycolicacid.chemours.com.