



### Actril® Cold Sterilant

#### Ready-To-Use Sporicide For Surface Disinfection

Actril Cold Sterilant is an effective, ready-to-use disinfectant and sterilant for hard surfaces commonly found in pharmaceutical cleanrooms. Surfaces made from non-porous materials such as plastics, stainless steel or glass can be disinfected using Actril Cold Sterilant solutions. Examples include counter tops, walls, floors, etc

### Features

- Effective in the presence of 5% blood serum.
- Superior Sporicidal, Bactericidal, Fungicidal, Mycobactericidal and Virucidal Activity
- Does Not Produce Any Toxic Aldehyde Vapors, Keeping Your Employees Safe
- Compatible with all Common Cleanroom Surfaces.
- Easily Disposable and Biodegradable, Keeping the Environment Safe
- Filtered through 0.2 micron filters



### Actril Cold Sterilant

In The United States, Europe & Asia		
Part Number	Description	Quantity
176-02-046	Actril Surface Disinfectant	6x1 liter case
176-02-043	Actril Surface Disinfectant	4 x 1 gallon
176-02-044	Actril Surface Disinfectant with Test Strips	4 x 1 gallon w/ test strips
176-02-045	Actril Surface Disinfectant Drum	50 gallon drum
3024761	Chemflex Refillable Dry Wipe System	Includes six wipe rolls
3024980	Actril (Clean Room Packaging) US	6 x 1 liter case w/6 sprayers
78400-226	Actril (Clean Room Packaging) International	6 x 1 liter case w/6 sprayers
3024982	Actril (Clean Room Packaging) Europe	6 x 1 liter case w/6 sprayers
176-02-051	Spray head for Actril liters	1 Spray head
185-40-008	Actril Residual Strips	100 per vial
185-40-009	Actril Indicator Strips	500 per vial
In Canada		
78400-258	Actril Surface Disinfectant (DIN: 02001020)	6 x 1 liter case
78400-287	Chemflex Refillable Dry Wipe System	Includes six wipe rolls
78400-340	Actril (Clean Room Packaging)	6 x 1 liter case w/6 sprayers

## Efficacy of Actril Cold Sterilant

Type	Organism	Contact Time Tested at 68°F (20°C)	Test Results
Spores	Bacillus subtilis Clostridium sporogenes	5.5 hours	100% kill of $\geq 10^4$ endospores
Mycobacteria	Mycobacterium bovis	10 minutes	100% kill of $\geq 10^6$ microorganisms
Vegetative Bacteria	Pseudomonas aeruginosa Salmonella choleraesuis Staphylococcus aureus	10 minutes Diluted 1:10	100% kill of $\geq 10^4$ bacteria
Fungi	Trichophyton mentagrophytes	10 minutes	100% kill of $\geq 10^5$ spores
Non-lipid small virus	Polio virus Type 2	15 minutes	100% kill of $\geq 10^5$ viruses
Lipid medium virus	Herpes simplex Type 1,2,HIV (AIDS virus)	3 minutes Herpes - Diluted 1:10 HIV - Diluted to MEC	100% kill of Herpes $\geq 10^{3.2}$ viruses 100% kill of HIV $\geq 10^4$ viruses
Hepatitis B and C	No approved method to test for hepatitis B&C exists.*	N/A	N/A

\* A direct test is unavailable, however they are generally considered easier to kill than Polo viruses.

## Actril Cold Sterilant Material Compatibility

Actril Cold Sterilant has been tested and shown to be compatible with material coupons and medical devices made from the materials shown below:

### Metals

Stainless Steel (316)  
Aluminum Alloy (6061)

### Plastics

Polypropylene  
Teflo  
Acrylonitrile-butadienestyrene (ABS)  
Polyethylene  
Polyvinylchloride (PVC)  
Polycarbonate  
Tygon

### Elastomer

Silicone rubber

Other materials not listed should be tested for compatibility prior to use.

## Safety & the Environment

Actril Cold Sterilant, is extremely eco-friendly because Actril's raw materials are not listed as carcinogenic or mutagenic materials, does not produce toxic vapors, and is safe for the environment. It is completely biodegradable and will decompose into oxygen, water and acetic acid.\*

\* Unused ACTRIL Cold Sterilant is acidic and requires normal neutralization as specified by local regulations. ACTRIL has a pH of 1.5 to 2.0.



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