



## Actril® Cold Sterilant Clean Room Packaging

Actril Cold Sterilant, already used in clean rooms for 20 years, is now even easier to use in these critical environments. Actril Cold Sterilant has been optimized for the clean room environment by packaging it to bring straight into the clean room suite. No longer does the product need to be cleaned and wiped down to bring it into these critical environments. Because of the unique method of disinfection, Actril does not have to be part of a rotation of disinfectants program.

## Applications

- ▶ Pharmaceutical, biotechnology, medical device manufacturing
- ▶ Research and laboratory facilities
- ▶ Other critical contamination environments

## Sporicidal Disinfectant

Actril Cold Sterilant is a sporicidal disinfectant that is proven to inactivate even the most difficult microorganisms. For a full listing of microbiological testing, please contact your Actril Cold Sterilant representative.

## Low Residuals

Once applied, Actril Cold Sterilant effectively works to deactivate all bio-matter. Residuals after use (in internal studies) were below detectable limits.

## Clean Room Packaging

Each case of Actril includes 6 x 0.96 liters & 6 sprayers per case. Each bottle and sprayer are wiped down with alcohol and clean room wipers, double bagged in a controlled environment and EtO processed.

## EtO Processed

Validation testing supports a 10<sup>6</sup> sporicidal reduction of contamination. Specifically, three validation half cycles confirmed complete kill on the recommended external and internal Biological Indicators (BI) (10<sup>6</sup> B. atrophaeus) following EtO exposure. (Testing was done in accordance to the ANSI/AAMI/ISO 11135:2007.) EtO residual levels conform to ISO 10993-7.



## Documentation

Full documentation of the product , procedures and other supporting test reports including the following:

*Certificate of Conformance (with case) and Certificate of Analysis (available on website)*

*Test reports available on request include Surface Challenge Test “USP <1072>”, efficacy against various organisms, chemical stability, EtO residuals and surface residuals.*

## Key Specifications

Active Chemical Ingredients	Hydrogen Peroxide:	0.8% min (1% normative)
	Peracetic Acid:	0.06% min (0.08% normative)
Filtration	Filtered at 0.2 microns, Absolute	

## Actril Cold Sterilant Material Compatibility

Actril Cold Sterilant can be used on hard, non-porous surfaces and has been tested and shown to be compatible with most material used in modern clean rooms. Tested materials are:

### Metals

Stainless Steel (316)  
Aluminum Alloy (6061)

### Plastics

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

### Elastomers

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

## Actril Cold Sterilant

Part Number	Description	Pack Factor
<b>3024980 (78400-225)</b>	Actril Cold Sterilant (Clean Room Packaging) US	6x0.96L (w/ 6 sprayheads)
<b>3024981 (78400-340)</b>	Actril Cold Sterilant (Clean Room Packaging) Canada	6x0.96L (w/ 6 sprayheads)
<b>3024982 (78400-226)</b>	Actril Cold Sterilant (Clean Room Packaging) International	6x0.96L (w/ 6 sprayheads)

Mar Cor Purification  
4450 Township Line Road  
Skippack, PA 19474-1429  
U.S.A.  
Tel: (484) 991-0220  
Toll Free: (800) 346-0365  
Fax: (484) 991-0230

Mar Cor Purification  
14550 28th Avenue North  
Plymouth, MN 55447  
U.S.A.  
Tel: (484) 991-0220  
Toll Free: (800) 633-3080  
Fax: (763) 210-3868

Mar Cor Purification  
3250 Harvester Road - Unit 6  
Burlington, ON L7N 3W9  
Canada  
Tel: (905) 639-7025  
Toll Free: (800) 268-5035  
Fax: (905) 639-0425

Minntech B.V.  
Sourethweg 11  
6422 PC Heerlen  
The Netherlands  
Tel: (+31) 45 5471 471  
Fax: (+31) 45 5429 695

Minntech Asia/Pacific Pte. Ltd.  
438 Alexandra Road  
#03-01 Alexandra Point  
Singapore 119958  
Tel: (+65) 6227 9698  
Fax: (+65) 6225 6848

**For More Information Contact Mar Cor Purification  
above or at [www.mcpur.com](http://www.mcpur.com)**

©2009 Mar Cor Purification. All rights reserved. P/N: 3025017 Rev.A  
Actril® Cold Sterilant is a registered trademark of Minntech Corporation and is an US-EPA registered product (52252-7).