

P.Techcare 50D Cold Sterilant

P.Techcare 50D is New Development Proved sporicidal effect for use on hard surfaces in biopharmaceutical facilities. P.Techcare 50D is ready-to-use disinfectant and sterilant without dilution. P.Techcare 50D is proven effective for use against Spores, Bacteria, Viruses and Molds on hard surfaces commonly found in biopharmaceutical facilities. Surfaces made from non-porous materials such as Plastics, Stainless Steel or Glass can be disinfected using either product. The Advantages of P.Techcare 50D Superior Sporidical, Bactericidal, Fungicidal, Mycobactericidal and Virucidal Activity. They do not produce any Toxic Aldehyde Vapors, keeping your employees safe. Compatible with all common cleanroom surfaces, keeping your facility safe. Easily disposable and biodegradable, keeping the environment safe. Filtered through 0.2 micron filters.

Applications

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

Sporicidal Disinfectant

P.Techcare 50D 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 P.Techcare 50D Cold Sterilant Cold Sterilant representative.

Low Residuals

Once applied, P.Techcare 50D 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 P.Techcare 50D Cold Sterilant 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 10E6 sporicidal reduction of contamination. Specifically, three validation half cycles confirmed complete kill on the recommended external and internal Biological Indicators (BI) (10E6 *Geobacillus stearothermophilus* spores) following Eto exposure. (Testing was done in accordance to the ANSI / AAMI / ISO 11135 : 2007.) EtO residual levels meet to ISO 10993-7.

Key Specifications

Active Chemical Ingredients	Filtration
Hydrogen Peroxide : 0.9% min (1% normative)	Filtered at 0.2 microns , Absolute
Peracetic Acid : 0.06% min (0.08% normative)	

P.Techcare 50D Cold Sterilant Material Compatibility

P.Techcare 50D 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	Plastic	Elastomers
Stainless Steel (316) Aluminum Alloy (6061)	Polypropylene Teflon Acrylonitrile - butadienestyrene (ABS) Polyethylene Polyvinylchloride (PVC) Polycarbonate Tygon	Silicone Rubber

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

Safety & the Environment

P.Techcare 50D Cold Sterilant is extremely eco - friendly because P.Techcare 50D'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 P.Techcare 50D Cold Sterilants is acidic and requires normal neutralization as specified by local regulations. P.Techcare 50D Cold Sterilant has a pH of 1.5 to 2.0

For More Information

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