

## MEDSPEC DISINFECTANT SOLUTIONS

When disinfecting Medspec Polycarbonate shields proper procedures should be taken. To minimize the risk of damage, we recommend use of compatible cleaners outlined below.



### RECOMMENDED PRODUCTS

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Steriplex SD

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Safetec surface wipes

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Peridox RTU

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Prosat sterile wipes PS-911EB

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Hydrogen peroxide 3%-5%

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Isopropyl alcohol 70%

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Warm dish washing soap solution

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Cleaning products were tested on flat uncoated Medspec Polycarbonate face shields. Do not use incompatible cleaners or disinfectants on sheet products. Generally speaking, soap and water or hydrogen peroxide disinfectant work best on these products.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.

## RECOMMENDED HOUSEHOLD CLEANING SOLUTIONS

These general guidelines are focused on household cleaners and are meant for the general public. Following the suggested guidelines may result in reducing the survival of bacteria and viruses in these environments, however the risk of transmission is always present.

» Cleaning refers to the removal of germs, dirt, and impurities from surfaces. It does not kill germs, but by removing them, it lowers their numbers and the risk of spreading infection.

» Disinfecting refers to using chemicals, for example, EPA-registered disinfectants, to kill germs on surfaces. This process does not necessarily clean dirty surfaces or remove germs, but by killing germs on a surface after cleaning, it can further lower the risk of spreading infection.

» Wear disposable gloves when cleaning and disinfecting surfaces. Gloves should be discarded after each use.

» If surfaces are dirty, they should be cleaned using a gentle warm dish washing soap and rinsed with clean water prior to disinfection.

» Use of microfiber cloths cleans 50% better than comparable cotton towels and reduces the risk of scratching plastic.

» Allow enough contact time after applying the disinfectant. If the contact time is too brief, the surface will not be thoroughly disinfected.

### ISOPROPYL ALCOHOL [IPA] or ETHYL ALCOHOL

» Use of alcohol-based wipes or sprays or soaked cloths containing at least 70% alcohol.

» Do not dilute.

» Fast acting. Allow alcohol to remain on surface for at least 30 seconds or longer to disinfect.

### HYDROGEN PEROXIDE

» Use 3-5% hydrogen peroxide.

» Do not dilute.

» Allow to remain on the plastic for several minutes.

### WARM SOAPY WATER

» The use of warm, gentle dish soap is a common form of cleaning and disinfecting.

» Thoroughly and vigorously wash the surface of the plastic with dishwashing soap for a minimum of 20 seconds or longer.

» Rinse with clean water.

The chemical resistance of Medspec products depends on the concentration of the cleaner/disinfectant, contact time, temperature of the solution and plastic, and stress level of the part. Repeated and/or extended chemical exposures, heat, elevated stress or any combination of these conditions could degrade the plastic or its chemical resistance. Therefore, it is imperative that the plastic be inspected routinely for chemical attack and overall degradation, and replaced as needed, similar to other forms of protective equipment such as masks, gloves, safety shields, and barriers.

Medspec has prepared these guideline summaries as a service to our customers, based on available information from public health authorities and our own internal knowledge of Medspec products. Even if the sanitizing methods described are fully and correctly implemented, we cannot guarantee that they will be effective to prevent the transmission of any disease or infectious agent. Medspec makes no warranty or representation regarding the quality, currency, accuracy, or reliability of any information regarding appropriate infection control practices.