

Cleaning and Disinfection – Cleaning

Lesson Objectives:

At the end of this lesson, you should be able to list and sequence the various cleaning terms and procedures at Biogen.

Cleaning considerations

Reliable and effective cleaning is paramount at Biogen since cleaning

takes place here, and so everyone need also be familiar with

the various

terms and

.

Distinctive terms for cleaning

For the sake of accuracy, it is useful to distinguish between the following commonly used terms:

- To '**clean**' involves using detergents, , or other cleaning agents to remove dirt, impurities, or extraneous matter from particular . This process, however, does not eliminate most infectious ;
- To '**disinfect**' means applying products that kill potentially microorganisms as well as some types of spores;

- To 'sterilise' means using heat or steam, which destroys microorganisms, spores and .

Program and guidelines for cleaning procedures

- The use of non-cleanroom specified cleaning is to be avoided.
- DI water (deionised water) is preferable for all surfaces, , walls, and benches.
- The use of scrubs, rags and powder and surfactants in the cleanroom is prohibited, since these shed like woven polyester, which produce shedding or tearing during cleaning.

The use a moveable autoclave multi-bucket system on non-marring wheels, and deep-drawn seamless buckets, is designated for clean- &/dirty-water control.

- Floors are to be damp-mopped using distilled* water daily, before work shifts.
- Floors are to be damp-mopped weekly with a clean-room detergent and distilled , and with a HEPA (high efficiency particulate air) filter vacuum-cleaner.
- Walls are to be vacuumed daily.
- Walls are wiped once, weekly, with a damp clean-room sponge using distilled water.

- Windows and clean-room pass-throughs are to be and dry daily with lint-free 70% IPA wipes.
- Ceilings are to be vacuumed daily, wiped with a damp sponge and distilled water weekly, before being vacuum-dried.
- If necessary, ceilings are to be washed with detergent and distilled water to remove any remains.
- All daily except for floors may be performed during regular work shifts.
- Overhang light lenses and troffer light fixtures need be wiped with a damp and distilled water weekly, and then vacuum dried.
- Sticky-mats in the cleanroom should be replaced without hesitation, when showing on it.
- **water** is water that has been boiled so that it evaporates and then re-condensed, leaving most impurities behind. **(DI) water** is water that has been treated to remove all – typically, that means all dissolved salts are gone.

Aufgabe Lückentext:

Folgende Wörter bitte in den Lückentext einfüllen.

Jedes Wort kommt einmal vor.

Bitte Gross- und Kleinbuchstaben beachten.

agents, constantly, cleaning, cleanings, chemical, Distilled, Deionised, dirt, detergents, floors, infectious, ions, mineral, mopping, microorganisms, particles, processes, regular, solvents, scrubbing, sponge, surfaces, viruses, water, wiped, washed