



Emtech Labs' Restroom Cleaning System

Emtech Labs Restroom Cleaning System integrates PORTABLE DISPENSING UNITS (PDU's) with an environmentally friendly cleaner, and hospital strength disinfectant to cost effectively clean and disinfect daily. This system provides the following benefits:

LOW COST, EFFECTIVE CHEMICAL USE

PDU's dispense effective ready to use product as shown below at a pre-set dilution of 2 ounces per gallon of water, while the PDU Foam Gun (shown below) has a pre-set dilution of 5 ounces per gallon of water. The chemical products in this system are designed to work effectively at these ready to use levels.

IMPROVED WORKER SAFETY AND PERFORMANCE

No measuring or pouring of chemical concentrates, minimizes worker contact, prevents spills of concentrated chemicals, and provides consistent ready to use solutions.

CONVENIENCE

This system is not confined to the janitor's closet. Workers can move freely from floor to floor, or any restroom where there is access to a one inch outer diameter water faucet outlet.

Spray Bottle Cleaning Solution Preparation



Mop Bucket Cleaning Solution Preparation



HOW PDU'S WORK

This system follows the simple 1, 2, 3, steps shown above in which: the systems' daily maintenance chemicals are drawn from a concentrate gallon, diluted at the correct ratio, and dispensed directly into a spray bottle or mop bucket (shown above), as a ready to use solution. The concentrated gallon comes with an insert under the screw cap. The PDU (Portable Dispensing Unit) is screwed directly onto the gallon jug insert. A water hose is attached to the PDU via a snap in quick connect (not shown). The other end of the water hose is snapped in via quick connect at the water faucet. The water is then turned on, and the solution is dispensed by pressing down on the top lever.



Foam gun use on vertical & horizontal surfaces. Refer to step B of Daily Restroom Maintenance Procedure.



Daily Restroom Maintenance Procedure

A



Initial Deep Clean

A) Apply EM-10 @ 32 oz. per gallon of water (1:3) to thoroughly clean heavily soiled surfaces such as tile and grout flooring, by mop, or pump up spray (do not mist). Allow 3 to 5 minutes contact time, agitate, rinse thoroughly with water (high pressure rinse grout lines), and immediately extract excess rinse solution with a wet vacuum, to prevent re-settling of suspended soil to the surface. Some areas may require full strength spot cleaning.

B



Clean Horizontal & Vertical Surfaces

CLEAN HORIZONTAL SURFACES: using the PDU, fill a mop bucket and spray bottle with Oxy Em to mop floors and perform light duty cleaning (using a fine mist sprayer), of fixtures, glass, mirrors, and common touch points. Through daily use, Oxy Em works to brighten grout lines. Procedure shown on reverse side.
CLEAN VERTICAL SURFACES: Using the PDU Foam Gun shown on the reversed side, spray a stream of foamy Oxy Em on to vertical surfaces including urinals, walls, and other areas that may become soiled with urine, waste matter, and grime. After two minutes, brush the soiled areas, then water rinse the surface by switching the foam gun's foam/rinse selector to rinse.

C



Disinfect

After cleaning, and wiping clean with Oxy Em, use the PDU to make a disinfectant solution of Emcide Neutral Cleaner to disinfect touch points such as fixtures, knobs, handles, push plates, urinals, toilets, splash guards, and other frequently touched surfaces. Surfaces such as floors and walls should be disinfected at least weekly or more frequently as needed. This product is bactericidal including MRSA, E-Coli, Salmonella, Streptococcus, and virucidal including Influenza A (H1N1 Type), Hepatitis B & C, HIV-1 and HIV-2.

D



Daily Odor Control

At the end of the day, spray Mountain Breeze with a fine mist (in non-foot traffic areas) to provide a pleasant scent upon opening the restroom the next day. Reapply during the day to freshen as needed.

E



Maintain Floor Drains

Add 2 to 4 ounces of Urine Eliminator (Bio-Enzymatic waste digesters) to floor drains at the end of the day to biodegrade waste matter that may accumulate in drains causing mal odors. When applying Urine Eliminator, assure the drain is free of disinfectant, high alkaline or acid products. If unsure, pour a gallon of water down the drain prior to use.

F



Hard Water Scale Removal as Needed

Hard water scale can be a combination of undissolved minerals such as calcium and magnesium. This appears as a white solid. Scale can build up around fixtures, drains, and grout. To remove hard water scale from floors or fixtures, use Limex @ 24 oz. per gallon of water (1:5). Apply by mop or pump up spray (do not mist). Allow 5 minutes contact time, scrub, and rinse thoroughly with water (high pressure rinse grout lines), immediately extract excess rinse solution with a wet vacuum, to prevent re-settling of suspended soil. Use with good ventilation.

* Note: For safe handling and use of all chemicals herein, read the product data sheet, and material safety data sheet prior to use.

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