

Booth 905

Bio-renewable Cleaning Products Are Set To Take Off



After years of being almost dormant, a new trend is evolving in the professional cleaning industry, one that is going to have a big impact on our industry — and most especially building service contractors.

Bio-renewable, bio-enzymatic, oxygen-based and similar sustainable products are moving from a niche market to center stage.

These bio-renewable, bio-enzymatic products are not made from petroleum products, so you and your customers can rest assured they are not consuming valuable petroleum reserves and increasing our dependence on foreign oil.

These products — if green certified — do not contain potentially health-risking ingredients found in many conventional cleaning products.

In fact, some of these products, specifically the ones from Enviro-Solutions discussed below, are so safe for people and the environment that they have even been green certified by EcoLogo™, one of the world's leading and most trusted green certification organizations.

These bio-renewable, bio-enzymatic products are derived from renewable, sustainable and low environmental impact resources.

One of the most common ingredients used in bio-renewable cleaning products is citrus.

Citrus-based products are now available for carpet spotting, removing grease, grime and gum, as well as cleaning and polishing stainless steel, porcelain and other surfaces.

Depending on how it is diluted, some citrus concentrate can be used as general purpose-type cleaners that are also effective for glass, light-duty and all-purpose cleaning.

Formulators have also successfully



blended citrus in degreasers, odor eliminators, tile and grout cleaners, carpet extraction cleaners, spotters and floor solutions for mopping.

When discussing oxygen-based cleaners, which are also considered safer alternatives to conventional cleaners, we are usually referencing hydrogen peroxide-based cleaners.

Surfactants or detergents, and occasionally citrus — used with non-green certified products — are added to the hydrogen peroxide to help it penetrate the surface to be cleaned and reach embedded soils.

When the cleaner comes into contact with the soils, the hydrogen peroxide releases oxygen to boost the cleaning power of the surfactants and other ingredients.

Some specific bio-renewable, bio-enzymatic and oxygen-based cleaning products from Enviro-Solutions that are green certified by EcoLogo include:

- ES920C, bio-active washroom cleaner that is proven effective as an all-purpose restroom cleaner for floors, walls, ceilings, countertops, sinks, faucets, mirrors, urinals and toilets

- ES100, a bio-active odor eliminator with a specific formulation that first binds to odors, neutralizing malodors within seconds of application, and then consumes the microorganisms to eliminate the source of the odor
- ES900C, a one-step neutral cleaner designed to remove embedded soil quickly from hard surfaces without leaving behind any residue
- ES910, which can be used to clean carpets, upholstery and fabrics as well as eliminate odors
- ES230, a unique urinal block formulation that is safe and effective, cleans, de-scales and eliminates odors from urinals.

Some experts believe as many as 80 percent of all future cleaning products will be green certified.

The key factor is to ensure that all cleaning products, including the bio-renewable and bio-enzymatic products, are green certified by EcoLogo, Green Seal or the U.S. Environmental Protection Agency's (EPA) Design for the Environment (DfE) program. *CM*

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