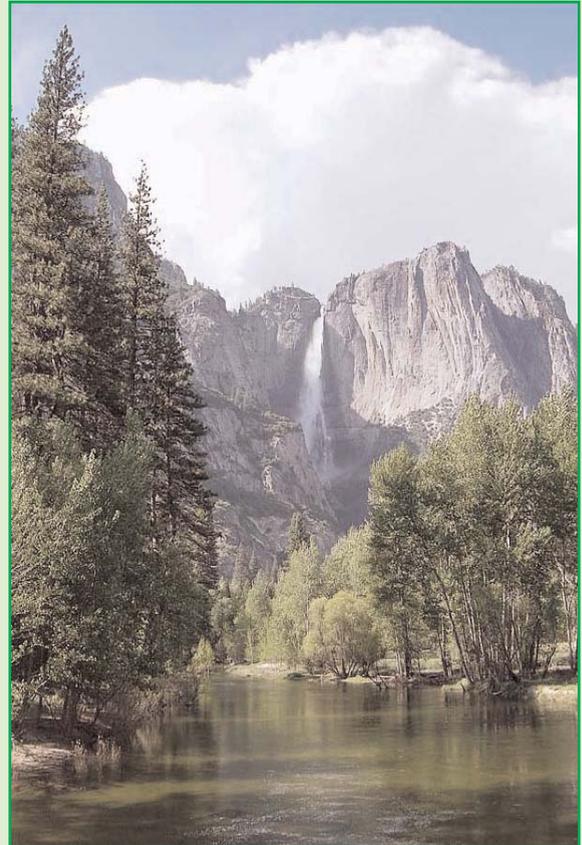


Greenplus

Guide to Best-Practice
Green Cleaning
Procedures
& Benefits
Using Our
5C Approach



TUWAY



The move to help save natural resources and be more environmentally conscious started the Green-Cleaning movement.

What is Green-Cleaning?

Any cleaning application that – *can use less-toxic cleaners and chemicals, improve air quality by creating less dust or fumes, uses less water, is more durable and reusable, and will greatly improve the impact on the environment and personal safety in the workplace* – should be considered to be an important component in any effective Green-Cleaning program.

Tuway's 5C Approach to Green-Cleaning outlines the steps to an effective program.

1 CONTAINMENT

Dust control is a major step in any cleaning system. Using matting at entranceways can reduce 85% of dirt and soil tracked into a building. By trapping soil at this point, it will reduce the labor and energy of dusting and cleaning at later stages, in other areas.

2 CLEANING Products

Utilize certified Green products and procedures that are less toxic, environmentally safer and performance driven. Use recycled products and launderable or more durable products to help cut down on waste and landfill issues.

3 CAPTURE/Eliminate Dust & Dirt

Feature Microfiber technology in wet mops, dust mops and hard floor pads, cloths and carpet bonnets that capture more dirt, use less chemicals, last longer and are easier to use. Use vacuums, scrubbers and burnishers certified by the CRI and with sound levels less than 70dBA, and performance to capture 96% of particulates 0.3 microns in size.

4 CROSS-CONTAMINATION Avoidance

Clean, disinfect and sanitize where needed using products and procedures that eliminate cross-use of products, such as mops, from room to room. Microfiber products – Damp Pads, Bucketless Mopping Systems and Launderable Individual Cloths – can deter cross-contamination by being fresh for each use.

5 CUSTODIAL Staff Training & Procedures

Develop a high-performance cleaning system utilizing green products. Train your staff on new processes and follow guidelines such as U.S. Green Building Council (USGBC), and LEED (Leadership in Energy and Environmental Design). Tuway can offer training in the proper use of microfiber cleaning products to enhance your Green-Cleaning program.

When initiating a comprehensive Green-Cleaning program, it is best to think of cleaning in terms of a system with "Stages". These Stages, outlined here in conjunction with our 5C Approach, are a guide to the planning and execution of a High-Performance Green-Cleaning program utilizing our Microfiber cleaning products to achieve the best performance and economics.

STAGE I – High Dusting

High dusting, as the name implies, includes dusting high items, such as light fixtures, air vents or heating grilles or intakes, drape or curtain hardware, bookshelf and cabinet tops, or anything above eyelevel. High dusting should always be done first, as any dust or dirt that falls to the floor will be picked-up with further cleaning.

STAGE II – Dust Mopping

Dusting any area at, or slightly above ground level is typical of Stage II, and should be done prior to damp mopping to remove any loose dust or dirt. This would include floors, steps, ramps, baseboards, or any area where dust could accumulate.

STAGE III – Damp Mopping

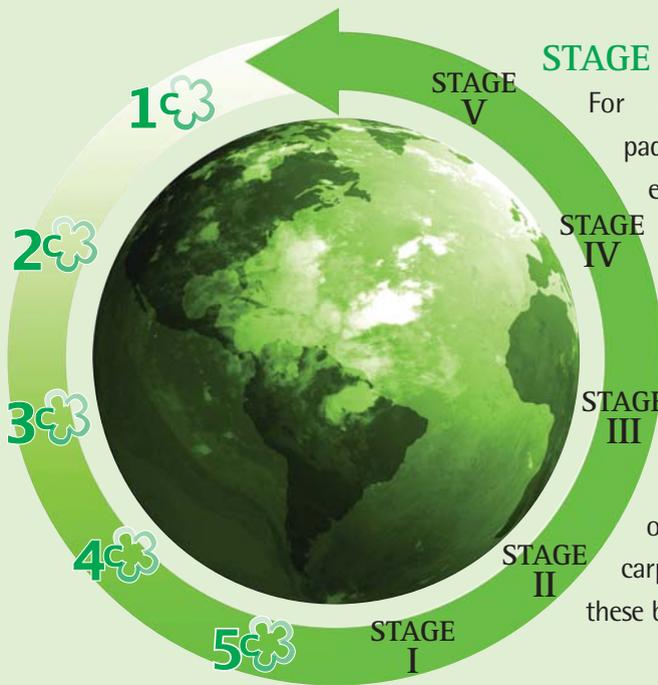
This is where the major cleaning and disinfecting is accomplished. By using one of our advanced damp pads, our microfiber wet mops or our innovative Bucketless Mopping System, you have a wide variety of damp products to suit every application. Water, along with cleaning agents, soaps/detergents or disinfectants are commonly used in these applications.

STAGE IV – Floor Finishing

For areas where floor finish is necessary, our microfiber pads are an effective tool for applying finish in an even and cost-effective manner. If stripping is needed, refer to Stage III, and follow your facilities stripping procedures. You can then apply finish as normal.

STAGE V – Burnishing, Carpet Maintenance

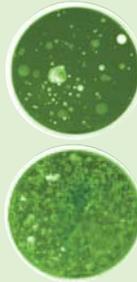
The final stage includes routine floor maintenance with our patented PolarPad keeping areas cleaned and polished without unnecessary stripping and refinishing. Periodic carpet cleaning with one of Tuway's microfiber carpet bonnets will extend the life of your carpets while removing cosmetic soiling. Designed for all 175 RPM buffers, these bonnets are economical and effective.



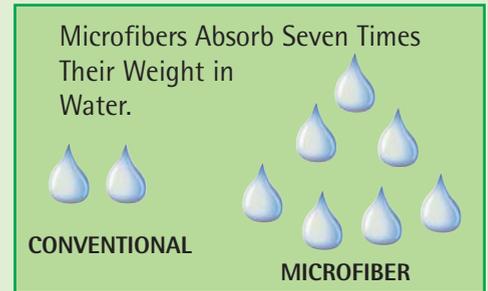
Environmental and Ergonomic Benefits of incorporating Microfiber products into a comprehensive Green-Cleaning program:



Microfiber Attracts Dust and Dirt.



99% Reduction in Bacteria with Microfiber Compared to 30% with Conventional Wet Mops.

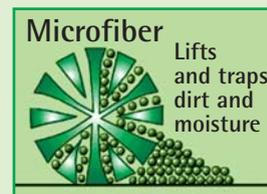


- Safe and Easy to use – Ergonomically superior, far lighter than equivalent cleaning products, resulting in less strain, fatigue, and awkward positioning on custodial staff. Also reduces drying time by 1/3, resulting in quicker turn-around cleaning times.*
- Use Fewer Solutions – Use less chemicals and harsh cleaning agents. Savings of up to 95% in cleaners and water.
- Non-Abrasive – Lint free – won't harm delicate surfaces
- Hypoallergenic – Won't trigger allergic reactions while containing dust.
- EPA and American Hospital Association recommended – Also recommended by many state and municipal Green Compliant Standards Programs
- Meets JCAHO Environment of Care Standards 1.3, 2.3, and 4.0
- Highly Launderable – Withstands up to 200* launderings for a 60% life-cycle cost savings over conventional textile cleaning products, resulting in less waste, landfill and refuse disposing. Or you can use one of our totally disposable products that expel only small amounts of water and CO2 when incinerated!
- Saves Water – Reduces water consumption during cleaning by two-thirds over conventional mops.
- Improves air quality – Helps control airborne pathogens by reducing airborne dust. Microfiber products grab and hold dirt particles until laundered, preventing dust from becoming airborne again.

*When laundered in time and temperature controlled operations, individual products will vary.



Microfiber Mops Last 3 Times Longer Than Conventional Blended Wet Mops.



Surface is cleaner. . . faster.



Cross-section of a microfiber thread showing its many cleaning surfaces.

Annual Cost Reductions Using Microfiber*

- ✓ 60% Reduction in Annual Mop Costs
- ✓ 95% Reduction in Annual Chemical Costs
- ✓ 60% Reduction in Annual Labor Costs
- ✓ 85% Reduction in Annual Water Usage Costs

* Actual percentages may vary based on user, area application and laundering techniques.



When you choose any of TUWAY'S Advanced Microfiber Products, you're making a decision for Better, more Cost-Effective Cleaning, and at the same time, doing your part to help the environment!

For additional information, review the Green Resource Guide to websites at:
www.info-clean.com/ecosmart/resources.html



Please refer to our Advanced Microfiber Catalog, or our Full Product Catalog For detailed information on Tuway's Complete line of Cleaning Products

Ask about the Tuway Value Proposition!



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Innovative Programs. Unsurpassed Products. Unwavering Customer Commitment.

Woman-owned, and family operated, Tuway has been producing quality products since 1923.

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