

# Greenrock Green Building Forum

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Products-  
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## Green Cleaning

SUSTAINABLE OFFICE  
SOLUTIONS



- Green cleaning refers to using cleaning methods with environmentally- friendly ingredients and chemicals to preserve human health and environmental quality.
- Green cleaning techniques and products avoid the use of chemically-reactive and toxic cleaning products which contain various toxic chemicals, some of which emit volatile organic compounds causing respiratory and dermatological problems and other effects.
- Green cleaning can also describe the way residential and industrial cleaning products are manufactured, packaged and distributed. If the manufacturing process is environmentally-friendly and the products are biodegradable, then the term “green” or “eco-friendly” may apply.

# Air Quality



- Asthma rate in Bermuda: **+ 7,000**
- In a survey of 100 U.S. office buildings, 23 percent of office workers experienced frequent symptoms of Sick Building Syndrome (SBS) such as respiratory ailments, allergies and asthma. The impact has been usually hidden in sick days, lower productivity and medical cost, but the economic impact is enormous, with an estimated decrease in productivity around 2 percent nationwide, resulting in an annual cost to the United States of approximately \$60 billion.
- Avoid High-Hazard Cleaning Products:  
For instance:
  - Aerosol sprays (can penetrate the lungs when inhaled)
  - Acid toilet bowl cleaners (are corrosive)
  - Degreasers/solvents (contains carcinogens, reproductive toxins and central nervous system (CNS) depressants)
  - Disinfectants (usually contain asthmagens, some carcinogens)
  - Metal polish- skin, eye and respiratory irritants- CNS depressants)
  - Floor strippers- (usually contain asthmagens)
- Look for products that meet the Green Seal GS-37 standard
- Look for Green Seal products that do not contain asthmagens or other harmful chemicals ie. monoethanolamine, Glacial acid, ammonia, high levels of pH 2 or less, butoxyethanol and phthalates.



# Certifications



- North America's largest, most respected environmental standard and certification mark. EcoLogo provides customers – public, corporate and consumer – with assurance that the products and services bearing the logo meet stringent standards of environmental leadership.
- Type I eco-label, as defined by the International Organization for Standardization (ISO). This means that the Program compares products/services with others in the same category, develops rigorous and scientifically relevant criteria that reflect the entire lifecycle of the product, and awards the EcoLogo to those that are verified by an independent third party as complying with the criteria.
- The **EcoLogo Program** is one of two such programs in North America that has been successfully audited by the Global EcoLabelling Network (GEN) as meeting ISO 14024 standards for eco-labelling.

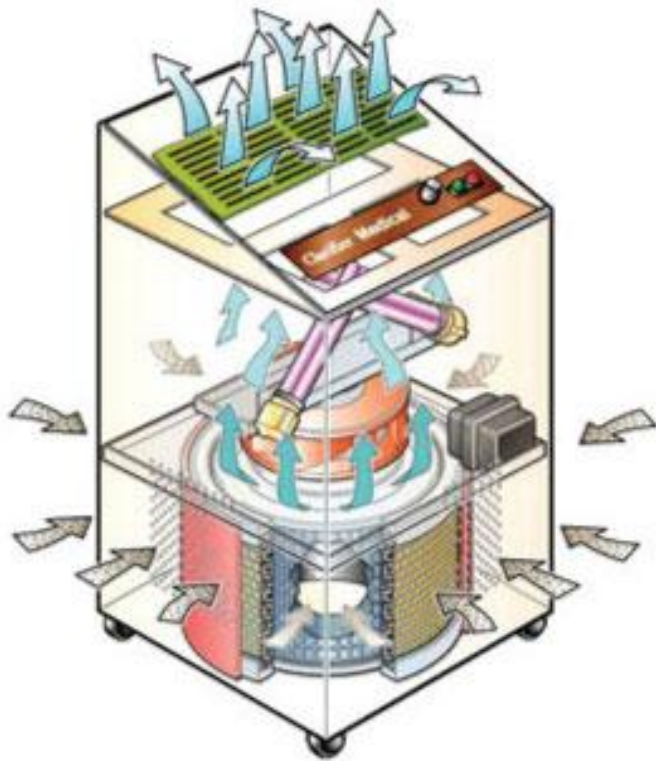


- Non-profit organization that uses science-based programs to empower consumers, purchasers and companies to create a more sustainable world.
- We develop life cycle-based sustainability standards for products, services and companies and offer third-party certification for those that meet the criteria in the standard. Green Seal has been actively identifying and promoting sustainability in the marketplace, and helping organizations be greener in a real and effective way since 1989.



Products

# NQ Air purifiers



- UV Lights
- HEPA Filter
  
- Office
- Hospital
- Gym
- Library
- Theatre
- And More



# Nature Clean products

- EcoLogo certified
- Made without suspected carcinogens (cancer- causing agents), petroleum based chemicals (or other non-renewable resources), or ingredients causing harmful fumes or toxic residues that could be absorbed through the lungs or skin.
- Multiple products available.
- Concentrate available for in office refills.



# Norwex Antibacterial Microfiber cloth

- Use of silver particles integrated into synthetic microfiber cloth:
- Single-celled micro-organisms such as bacteria, fungi, yeast and viruses cannot survive
- Surface-to-surface cross contamination is eliminated
- Rapidly drying cloth prevents bacteria growth
- Reduce the use of paper towels consumption
- Clean without chemicals



## goodHealth

- Plant derived cleaning products
- Green Seal Certified
- Contain no petroleum-derived or carcinogenic ingredients
- Biodegradable
- Safer for people, pets and planet
- Refilling reusable bottles- one 16oz bottle of concentrate makes 16 6oz bottle refills.



# Go Green biodegradable bags

- Made of 100% eco-friendly material
- Bio-Based & NSF certified
- Non- Toxic
- Biodegradable



# Green Cleaning your office...



# BAS-Sercos Green Business Design Program

The success of our Green program for client's is based on the implementation of the following steps:



- Promoting Green goals to occupants
- Incorporating Certified Green Cleaning Chemicals
- Incorporating Certified Green Products
- Incorporating Green Cleaning Practices
- Using certified Green equipment
- Training in use of Green Cleaning Chemicals, products, and certified equipment
- Recordkeeping & Cleaners Agreement
- Feedback Plan: Communication between management, building occupants & custodial staff

## Trained Cleaning Staff

- Training & procedures will be based on Vendors cleaning Manual
- An annual Green Clean training will be performed by manager, supervisors or Safety Training staff of proper procedures in cleaning & safety practices
- Cleaners will be trained in procedures for minimizing particles of dust & chemicals in the air; to achieve this goal, cleaners will be trained to apply cleaner to cloth rather than spraying the surface to be cleaned
- Cleaners will be trained in the proper use of chemical management systems for accurate product dilution. Maximizing cleaning efficiency & minimizing waste should be the green goal
- Cleaners should empty HEPA bags at the end of shifts or when they are half full
- Training in proper vacuuming, extraction, rinsing, & drying



## Trained Cleaning Staff Cont.

- Cleaning staff must properly apply disinfectant in restrooms by following the proper dwell time for the chemical to work on the surface. The main purpose is to disinfect or remove any spot by using less product
- Focusing on preventative measures. Our janitorial staff should wash their hands however many times is necessary, & also keep equipment clean & well maintained
- Cleaning staff will be trained in the color-coded tools to ensure that pollutants do not get carried from one area to another
- Cleaning staff must be trained in preventing cross-contamination by using the proper micro-fiber cloth codes
- Cleaning staff must be trained in the following proper mop pad codes

