

ONE PACKS

Dispenser-Free Control Systems®

GS 5 Point Training and Safety Guide



STEARNS®

Dispenser-Free™ Green Cleaning Solutions For The Entire Facility

Your Green Cleaning Start-Up

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Introduction

Buildings in general consume 60% of the electricity and 30% of total energy in the United States. The carbon dioxide emissions from that consumption have grown more than 30% just since 1990 according to the United States Green Building Council (USGBC).

Sustainability can be summarized as “Using resources in a way and at a rate that allows people to meet their needs and future generations to also meet theirs. Additionally it can mean meeting environmental, economic, and community needs.”

The Energy Information Administration predicts that energy consumption will grow at an annual compounding rate of 2% per year for the next 20 years. That calculates to a 48.5% increase. This is not sustainable.

The adoption of Green Cleaning and its companion practices of recycling and waste reduction is a small step toward ultimately achieving the sustainability of our in-door facility operations, but it is a large step towards changing the attitudes and behaviors of building occupants and the operations & maintenance staffs that serve them.

What Makes It “Green” Cleaning?

The new “Green” way to clean building interiors focuses on protecting human health while minimizing environmental impact. Green Cleaning practices protect not only the health of building occupants, but the health of guests and cleaning staff as well. While traditional cleaning practices focus primarily on appearance, Green Cleaning will keep appearances up, but focus on human health and the reduction of environmental impact.

Green Cleaning is more than just substituting new, greener products for the original ones. Green Cleaning is truly achieved by adopting one of the new standards with its requisite policies that address quality management systems, environmental quality, safety, training, human resources, and procurement, as well as the accommodation of vulnerable and sensitive building occupants; many of whom are not at liberty to go elsewhere.

As will be seen in subsequent pages, the efforts to reduce sources of dirt, allergens, and waste should keep appearance levels high, reduce cleaning labor, protect occupants’ health and comfort, and alleviate the waste volumes going to landfills.

Traditional cleaning methods may keep the majority of indoor environments safe, sanitary, and comfortable, but Green Cleaning is the next step—a science-based approach to promote human health while reducing environmental impact.

Why Should You and Your Organization Adopt “Green” Cleaning?

It has been stated that “Green” Cleaning methods and materials are meant to protect human health while minimizing the impact on the outdoor environment. If executed properly, the transition to Green Cleaning should not cost the building operator any more than traditional cleaning practices. Additionally, there are many benefits that accrue to the building operator that are not otherwise immediately apparent.

- 1. Fewer Complaints:** The publicity surrounding “sick building syndrome” has made the public aware of poor indoor air quality as a threat to their well-being. The proactive building operator can help prevent complaints by the application of a Green Cleaning program.
- 2. Improved Employee or Tenant Retention:** Turnover of employees and tenants is reduced when they perceive that their employer or landlord cared enough about them to improve the indoor environmental quality through Green Cleaning.
- 3. Better Productivity:** Absenteeism, low productivity, and high health claims can be attributed to fumes, dust, allergens, and other pollutants in the indoor working environment. The EPA ranks poor indoor air quality as one of the top five health risks in the United States. Indoor environments that have been green cleaned are known to increase worker productivity between 0.5% to 7% with +2% as a reasonable expectation.
- 4. Better Rental Income:** Commercial tenants are increasingly aware of the benefits of improved indoor environmental quality and will pay more per square foot to obtain it.
- 5. Lower Costs:** By reducing the load of fumes, dust, allergens, and other pollutants in the workplace, employers can see a reduction in health insurance and Workmen’s Compensation costs. Green Cleaning can also reduce the life-cycle cost of operating a building by extending the life of flooring, carpeting, and HVAC equipment.
- 6. Community Recognition:** The high visibility status of being LEED Certified by the USGBC (Leadership in Energy and Environmental Design, United States Green Building Council) will give any facility valuable, favorable esteem among its peers.
- 7. A Head Start on Compliance:** State, local, and federal agencies are stepping up the regulation of chemical substances in the workplace and the environment and their disposal practices. Facility managers can be proactive by adopting Green Cleaning methods and materials.

Green Cleaning Standards

“That which gets measured gets done.” is a quote by Tom Peters, the author of **In Search of Excellence**, a well known management-science book that recognizes the key element of success in any endeavor: quality. Every Green Cleaning standard that has recently emerged has a quality system as the framework around which its requirements are structured, applied, and enforced.

In order to successfully implement Green Cleaning within your organization you should select a standard for all concerned to adhere to. Objections and criticism are more easily answered with the institutional esteem of the standard’s authorship behind you. Lastly, there is no need to re-invent the wheel where Green Cleaning programs are concerned.

The Green Cleaning Standards are:

1. CIMS-GB (Cleaning Industry Management Standard-Green Building) from the ISSA (International Sanitary Supply Association), 2009.
2. LEED-EB O&M (Leadership in Engineering and Environmental Design-Existing Building Operations & Maintenance) from the USGBC (United States Green Building Council), 2009.
3. GS-42 Environmental Standard for Cleaning Services from Green Seal, Inc., 2006.

Every one of the three Green Cleaning Standards has a certification process that can be lengthy and expensive. Vendors will need to be evaluated for their ability to contribute environmentally preferable products and expertise cost-effectively. Consultants and auditors will need to be engaged and compensated. However, there is nothing to prevent a cleaning organization from informally utilizing one of the standards without formal certification provided that no certification claim is made.

Standards Comparison Chart

Standard	Standard Characteristics	Certification Basis	3rd Party Product Certifications	Credentials for Certification	Resources
CIMS-GB	Performance–based quality system, highly flexible	Organization-specific	Green Seal, EcoLogo & EPA/DfE	ICE, ICE-GB, CIMS-Assessor	CIMS-GB 1001: 2009
LEED-EB O&M	Performance–based green cleaning element of larger LEED-EB standard	Site-specific	Green Seal & EcoLogo only	LEED-AP credentials	CIMS-GB, GS-42, APPA Custodial Assessment
GS-42	Highly prescriptive, procedure driven	Organization- & Site-specific	Green Seal & EcoLogo only	Green Seal Staff	GS-42: 2006

Green Cleaning Websites and Publications

- a. [**www.issa.com/standard**](http://www.issa.com/standard) International Sanitary Supply Association (for CIMS and CIMS-GB Standards).
- b. [**www.usgbc.org**](http://www.usgbc.org) United States Green Building Council, Leadership in Energy and Environmental Design-Existing Buildings Operations & Maintenance; (LEED-EB O&M).
- c. [**www.greenseal.org**](http://www.greenseal.org) Green Seal, Inc., GS-42 Environmental Cleaning Standard.
- d. [**www.epa.gov/saferchoice/products**](http://www.epa.gov/saferchoice/products) For a listing of Stearns Packaging's many Safer Choice products. [**www.epa.gov/saferchoice/pubs/projects/formulat/formpart.htm#cleaners**](http://www.epa.gov/saferchoice/pubs/projects/formulat/formpart.htm#cleaners).
- f. [**www.stearnspkg.com**](http://www.stearnspkg.com) Stearns Packaging Corporation, the foremost provider of *Dispenser-Free*™ Control Systems.
- g. [**www.carpet-rug.com**](http://www.carpet-rug.com) Carpet & Rug Institute's Green Label and Bronze Seal programs.
- h. [**www.epa.gov/cpg**](http://www.epa.gov/cpg) United States Environmental Protection Agency, CPG (Comprehensive Procurement Guidelines).
- i. [**www.arb.ca.gov/msprog/offroad/sore/sore.htm**](http://www.arb.ca.gov/msprog/offroad/sore/sore.htm) California Air Resources Board, Small Engines.
- k. **Protecting the Built Environment: Cleaning for Health**, Michael A. Berry, 1994 Tricomm 21st Press, Chapel Hill, N.C.
- l. **The Business of Green Cleaning**, by Steve Ashkin and David Holly, (International Facility Management Association, 2008).
- m. **Green Cleaning for Dummies®**, by Steve Ashkin and David Holly, 2007, Wiley Publishing, Inc., Hoboken, New Jersey [**www.GreenCleaningForDummies.com**](http://www.GreenCleaningForDummies.com).

Green Cleaning Procedures for Commercial Facilities



This chapter will instruct you in the procedures that will make your cleaning operations “Green”. The content of this chapter borrows heavily from Green Seal’s GS-42 Environmental Standard for Cleaning Services, but is abridged. Additional content has been gathered from the accumulated wisdom of practitioners who had been Green cleaning before it had a name.

If it is the reader’s intention to seek certification under ISSA’s CIMS-GB, Green Seal’s GS-42 Certification Program, or the USGBC’s LEED-EB O&M, then he or she must consult the organizations’ respective websites, www.issa.com/standard, www.greenseal.org or www.usgbc.org for more exact guidance.

The introduction to this booklet asserted that Green Cleaning should not cost any more than conventional cleaning. This may only be true if traditional cleaning was done regularly and frequently. Green Cleaning's need for daily attention to many tasks may make them go faster than they did when they were done less often. Therefore, the cost of doing tasks daily may be offset by their greater ease.

This chapter is not intended to supersede the specific cautions and instructions found on cleaning product labels or in cleaning equipment instruction manuals.

Standard Operating Procedures

- For full credit, under CIMS-GB, LEED-EB O&M, or GS-42, cleaning service providers must develop, maintain, and annually review a set of Standard Operating Procedures (SOP's) that govern all facets of the cleaning operation. These include:
 - Cleaning procedures
 - Chemical handling and tracking
 - Equipment maintenance and operation
 - Communication and feedback
 - Training and inspection
 - Reporting and record keeping

Building-Specific Green Cleaning Plan

- The cleaning service provider must create a building-specific Green cleaning plan using the SOP's as a framework.
- The building-specific plan will:
 - Extend the life of the flooring through routine, periodic, and restorative cleaning operations.
 - Schedule discretionary cleaning operations and inspections at a minimum frequency that adequately protects human health and the environment. Review this twice a year for effectiveness and changing occupancy.
 - Describe in detail how special areas will be cleaned: high-traffic areas, dining and food preparation areas, laboratories, and entryways as well as those areas with poor ventilation, poor lighting, or limited access.
 - Accommodate vulnerable populations with cleaning operations during times of non-occupancy with minimum chemical usage.
 - Regulate equipment usage, maintenance, and procurement.
 - Consult CIMS-GB, GS-42 and LEED-EB for more specifics.

Training

- Upon hiring and before cleaning independently, all cleaning personnel must have 12 hours initial training on procedures and proper use of chemicals, tools, and equipment.
- Site-specific training covering the facility's green cleaning plan, standard operating procedures, and hazards.
- All cleaning personnel must have 24 hours of continuing training annually.
- Records of training must be maintained.

Purchasing

- For the following categories of products and supplies use only environmentally preferred products certified by valid, third-party, independent agencies: Green Seal, EPA Safer Choice. These products will be in a concentrated form and packaged in a way that delivers a prescribed dilution.
 - General-purpose cleaners (Stearns GS Extra-Strength Cleaner Concentrate)
 - Floor cleaners (Stearns GS Neutral Cleaner Concentrate)
 - Bathroom cleaners (Stearns GS Restroom & Bowl Cleaner Concentrate)
 - Glass cleaners (Stearns GS Window Cleaner Concentrate)
 - Floor finishes and strippers
 - Liquid hand soap
 - Toilet tissue (EPA Comprehensive Procurement Guidelines)
Minimum 20% post-consumer content
 - Facial tissue (EPA Comprehensive Procurement Guidelines)
Minimum 10% post-consumer content
 - Paper towels and napkins (EPA Comprehensive Procurement Guidelines)
Minimum 40% post-consumer content
 - Plastic trash can liners (EPA Comprehensive Procurement Guidelines)
Minimum 10% post-consumer content
- Vacuums must meet Carpet & Rug Institute's (CRI) Green Label Program requirements and not exceed 70 decibels of sound when operating.
 - Carpet extractors must meet CRI's Bronze Seal of Approval.
 - Powered floor maintenance machinery must be equipped with devices for capturing and collecting particulate and shall operate at a sound level of 70 decibels or less.
 - Propane-powered equipment must have low-emission engines certified by the California Air Resources Board's Small Off-Road Engine program (CARB/SORE).
 - Powered floor scrubbing machines must be equipped with a control method for variable rate solution-dispensing to optimize the use of cleaning solution.

Personal Protective Equipment (PPE) for Staff

- Provide rubber gloves.
- Provide safety glasses.

Caring for Entryways

- Approximately 80% of the dirt in a building is tracked in by people's feet.
- The walk-off mats should be vacuumed at least daily with a beater-bar equipped vacuum cleaner. Vacuum under the mats daily as well. They should be exchanged with clean mats weekly or more often if they become muddy. They should be cleaned on-site only if the effluent can be directed to the drain rather than released to the environment.
- Proper, covered trash receptacles and ash trays outside of the entrances will keep a substantial quantity of trash, cigarette butts, and garbage from ever entering the building. Empty them frequently.
- Sweep or pressure wash the steps and paved surfaces around the exterior of the entrance daily.

Caring for Hard Floors



- Vacuum hard floors daily with a backpack vacuum cleaner that carries the Carpet & Rug Institute's Green Label. Vacuum cleaners carrying the Green Label have multi-stage filtration, proven performance, and noise levels below 70 decibels. The backpack configuration improves efficiency while reducing repetitive motion stress on hands, wrists, and arms.
- Damp-mop frequently with a micro-fiber mop or with an automatic floor scrubbing machine. Mix a 1 ounce pack of Stearns GS Neutral Cleaner Concentrate with 2 gallons of cold water or add a 2 ounce pack to water to make 4 gallons of solution.
- Floor stripping involves hazardous chemicals as well as hazardous working conditions and should be avoided. Vapors from the chemical stripper can affect the health and comfort of sensitive and vulnerable occupants. Therefore, reasonable notice must be given to the occupants, the work scheduled for times when building occupancy is minimal and during a time of year when windows can be opened. If the work must be done when the outdoor conditions are too hot or too cold for comfort, then the HVAC (heating, ventilating, and air conditioning) system in that space must be running during the operation.

- Scrubbing and re-coating is a low-impact method for maintaining sufficient floor finish film thickness without the need for stripping.
- Maintain a base of 6 to 8 coats of finish on floors.
- Use a zinc-free finish to keep metal-contaminated residues from entering the waste-water stream during stripping operations.

Caring for Carpets

- Vacuum carpets in high-traffic areas such as hallways, lobbies, and elevators everyday. Use the same Carpet & Rug Institute Green Label equipment that you would use on hard floors. A beater-bar attachment might be included. Service the secondary filter-packs when called for by the manufacturer and replace the bags when they are ½ full; this reduces dirt and allergen emissions.
- Reasonable notice must be given to building occupants before carpet extraction operations can begin.
- Use an extractor that carries the Carpet & Rug Institute's Bronze Seal of Approval.
- Make sure that the extractor's vacuum circuit is functioning properly before commencing extraction operations.
- Utilize portable drying fans and maximum room ventilation to get the carpet dry within 24 hours. This precaution will reduce the potential for mold, mildew, and bacteria growth.
- Instruct the building occupants to notify you of a spill or stain on the carpet as soon as they can. Respond to the scene with a pre-assembled spotter kit and remove the spill or stain quickly. This practice will extend the life of the carpet substantially and reduce the chance for mold, mildew, or bacteria and the odors associated with them.



Dusting

- Use microfiber dusting cloths. They may be costly but can be laundered and reused almost indefinitely. They capture dust and keep it from becoming airborne. Replace the microfiber cloths with laundered ones when they become loaded with dust. Collect the soiled microfibers in a plastic bag for transport to the laundering site.
- Use vacuum cleaner extensions or attachments for high dusting.
- Do not use feather dusters.
- Do not use dusting treatment products that contain solvents. If necessary, use only water-based cleaners such as Stearns GS Extra-Strength Cleaner Concentrate.

Curtains, Partitions, Upholstery

- Vacuum fabric-covered surfaces regularly with a backpack wand or extension tool.
- Use the extraction process periodically (CRI Bronze Seal certified equipment).
- Spot-treat stains immediately.

Restroom Cleaning

- Cleaning staff should wear safety glasses and rubber gloves during the restroom cleaning operation.
- Equipment used for cleaning the restrooms should be dedicated to restroom use only. Some manufacturers offer color-coded cleaning equipment to simplify compliance.
- Clean restrooms from high to low, starting at the far end of the restroom and working towards the door. Perform dry cleaning tasks, such as sweeping, before starting the wet cleaning operations.
- Surfaces touched by hands, such as light switches, doorknobs, and handles, should be cleaned and disinfected daily with Stearns Pathostat 64 Disinfectant Cleaner. Be sure to observe the contact time on the Pathostat 64 label; 10 minutes.
- Mix Stearns GS Restroom & Bowl Cleaner Concentrate per package directions. Apply solution to the cloth or brush first rather than directly to the surface to be cleaned. Can be used on any restroom surface including sinks, walls, urinals and toilet bowls.
- Standing moisture should be controlled and removed from floors and restroom surfaces in a timely manner.
- Pull and replace the trash liners daily and disinfect the receptacle.
- Fill floor drain traps with water regularly.



Dining Areas & Break Rooms

- Clean and disinfect surfaces in food preparation and consumption areas with Pathostat 64 Disinfectant Cleaner on a daily basis or as required to protect human health. Pathostat 64 contact time is 3 minutes for sanitizing. Note: Pathostat 64 Disinfectant Cleaner is not intended for direct food-contact surfaces.
- Daily clean and disinfect surfaces touched by hands such as faucet handles, dispenser handles, drinking fountains, and cafeteria lines. Use Pathostat 64 Disinfectant Cleaner and observe a 3 minute contact time.
- Equip waste containers with covers and empty them at least once a day and when full. Clean and disinfect containers and covers daily with Pathostat 64 Disinfectant Cleaner.
- Provide recycling containers with correct signage indicating packaging material segregation requirements. Empty these containers before the start of the weekend or a holiday. Clean and disinfect with Pathostat 64 Disinfectant Cleaner.

Trash Collection and Recycling

- Restroom and dining room trash collection practices are outlined in their respective sections.
- Remove trash and replace liners only when they are soiled from wet trash, are torn, or as required. Remove and dispose of trash before weekends and holidays.
- Dispose of trash in outdoor, covered containers away from the building's immediate exterior.
- Provide recycling stations and mark them clearly. Make them accessible to all building occupants.
- Collect and remove food-related recyclables, such as soda cans, from the building prior to weekends and holidays.
- Inspect and clean recycling areas daily, including collection containers.
- Monitor the effectiveness of the recycling program and document the quantities recycled, by type, for LEED certification.

Integrated Pest Management

- Reduce pest opportunities through sanitation and pest food source removal.
- Manage waste, cover trash containers, and remove waste frequently.
- Maintain the building structure; seal cracks, fix leaks, and provide physical barriers to pest entry.

Chemical Handling

- Use a chemical management system that facilitates the proper dilution of chemical concentrates. Stearns' *One Packs*™ fulfill this requirement.
- Provide easily understood directions regarding safe and proper chemical usage in appropriate written languages and color-coded or graphic representations. See page 13 for the GS 5 Point Green Cleaning System. The GS 5 Point Green Cleaning System is available in poster form from your Stearns representative. In addition, your Stearns representative can supply your cleaning organization with the exclusive *Universal Trainer* training card sets in English or Spanish.
- Put appropriate labels on secondary chemical containers, such as spray bottles, to communicate hazards.
- Use the appropriate technology for applying the chemical product in a manner that does not result in waste or overuse of the product.
- Apply chemical to cloth rather than spray it onto the surface in order to reduce inhalation exposure.
- Never mix different cleaning products together.
- Rinse empty chemical containers before refilling or recycling them.

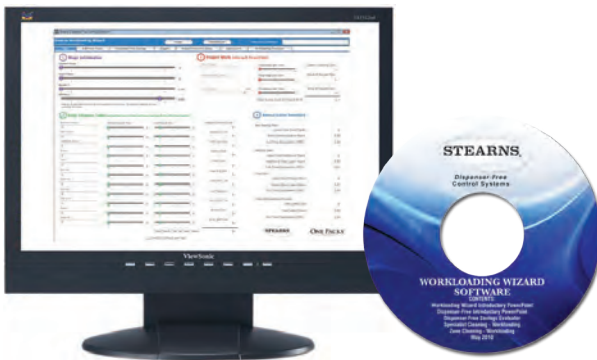
Building Exterior and Infrastructure

- Look for damage to the building exterior, poor drainage, pest infestations, etc., and report problems to management for action.
- Stairways, stairwells, elevators, and basements should be included in the building-specific cleaning plan.
- Clean or replace HVAC system filters per manufacturer's recommended frequency.
- Air conditioner drip pans need attention to maintain flow and prevent mold, bacterial growth, etc.
- Custodial closets are generally too small. Therefore, organization and cleanliness are needed to make them functional. Include them in the cleaning plan. New shelving, additional hooks, brackets, and hangers can make working from them less irksome.

Implementing a Green Cleaning Program

- Select one of the Green Cleaning standards for all concerned to adhere to. Haphazard implementation will expose your Green Cleaning efforts to criticism or even discontinuance. Give the planning and training phases adequate time and effort.
- Consensus is vital to Green Cleaning's acceptance and success. Consider building a "Green Team" from representatives of every stakeholder group in your facility; owners, managers, maintenance, occupants/tenants, and cleaning staff. "Buy-In" from the highest ranking people in the organization will pay off when the going gets tough. People are naturally change-resistant and Green Cleaning is all about change; change for the better.
- If yours is a large facility, you have a better chance of success if you implement Green Cleaning one area at a time. Start with your best cleaning crew in the cleanest area.
- Communicate early and often with every stakeholder group. Again, they are ownership, management, occupants/tenants, maintenance, and cleaning staffs. A written and e-mailed newsletter, posted frequently, will help manage stakeholder expectations and highlight successes.
- Green Cleaning has a beginning and hopefully no end. It is a continuous process of evolving improvement.

Dispenser-Free™ Control Systems Tool Box

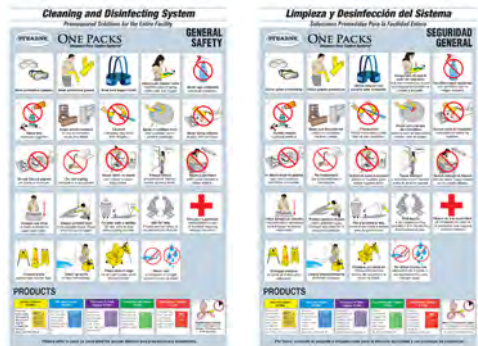


Workloading Wizard Software

Know your cost. Be competitive. Make money. Quickly and accurately convert square footages, fixture counts, and production rates into a solid estimate with this fast and flexible workloading software. This intuitive program lets you try multiple scenarios to optimize crew utilization with confidence. Includes **Dispenser-Free™** Introductory PowerPoint and a Workloading Wizard Introductory PowerPoint. **Complies with CIMS-GB requirement 2.1.1 Workloading and 2.1.2 Bidding/Costing Process.**

Universal Trainer Card Sets (English or Spanish)

Whether you are Team (Specialist) Cleaning or Zone Cleaning, the Stearns Universal Trainer laminated card sets provide your FTE's with a documented training program. With graphic representation of every task in building maintenance, card sets are organized by task setting. Special attention is given to bathroom maintenance, general safety, and bloodborne pathogen compliance. A unique feature of the Stearns Universal Trainer card sets are the visual relationships shown between the color of products and the surfaces they clean. The visual icons and color coding train workers without relying on the written word. **Complies with CIMS-GB requirements 3.6, 3.7, 4.1, 4.2, and 6.2.**



English

Spanish

CIMS & CIMS-GB* Regulatory Compliance Guidebook

Stearns' Regulatory Compliance Guidebook For Cleaning Organizations is an unbelievable tool for companies striving to attain CIMS & CIMS-GB certification. This binder is a roadmap to compliance for many sections of the CIMS & CIMS-GB Standard. This binder includes everything from Hazard Communication to Workplace Safety & Health. This binder also provides a "CIMS Regulatory Compliance Editable Documents" CD that enables you to customize your documents on-screen for CIMS & CIMS-GB Certification.

**ISSA's Cleaning Industry Management Standard for Green Buildings.*



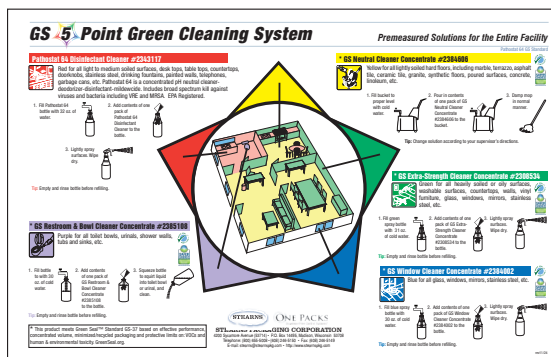
Dispenser-Free™ Control Systems Tool Box

#2390201 902 Starter Kit

GS 5 Point Green Cleaning System

Stearns #2390201 902 Starter Kit GS 5 Point Green Cleaning System makes dispenser-free start-ups simple and compliant. With enough chemicals to last 30 days per FTE*, the Stearns GS 5 Point Green Cleaning System is the perfect solution for BSC's that require simple training, color coding, and consistent results. **Fulfills procurement requirements of CIMS-GB, LEED-EB O&M IEP 3.3, and GS-42.**

*FTE is an abbreviation of Full Time Employee.



Training Posters

Whether you are a small retail shop or a large building service contractor, on-going training is essential for cleaning your facility. Stearns training posters provide a detailed, color coding system that can reinforce your training efforts. These posters include mixing instructions, color coded floor layout, and additional precautionary statements.

Available in English and Spanish.

Posters can be customized to fit your chemical and facilities needs.

Procedure Cards

Procedure cards are an important part of your chemical management system. Procedure cards are product specific and provide mixing and use directions in English and Spanish. These cards reinforce the use of Personal Protective Equipment and your recycling program. All procedure cards are color coded. 5-1/2" x 8-1/2" Procedure cards are English on one side and Spanish on the other.



ONE PACKS

Dispenser-Free Control Systems®

GS Extra-Strength Cleaner Concentrate



**Heavy-Duty All-Purpose Cleaner
and Degreaser**
*Cleans floors, walls and tables. Use with
a trigger spray bottle, mop, or microfiber*



epa.gov/ffesaferchoice

The U.S. EPA's Safer Choice Program helps consumers, businesses, and institutional buyer identify cleaning and other products that perform well and are safer for people and the environment.



This product meets Green Seal™ Standard GS-37 based on effective performance, concentrated volume, minimized/recycled packaging and protective limits on: VOCs and human & environmental toxicity. GreenSeal.org.

ST-No.	New Item #	Case UPC No. Mfg. No. 071206	Each UPC No. Mfg. No. 071206	Case Size	Case Weight	Cases /Pallet	Yield
ST-853	#2308534	008534	N/A	144 x 1 fl. oz. packs	11.5 pounds	75	1 Quart/1 Gal./2 Gal.
ST-853E	#2385300	285300	028532	10 x 10 x 1 fl. oz. packs	9.25 pounds	64	1 Quart/1 Gal./2 Gal.
ST-1374	#2313743	013743	N/A	25 x 1 fl. oz. packs w/bottle	2.75 pounds	162	1 Quart/1 Gal./2 Gal.
ST-842	#2384200	084200	N/A	72 x 2 fl. oz. packs	11 pounds	75	2 Gal./4 Gal.
ST-842E	#2384204	284204	028426	10 x 10 x 2 fl. oz. packs	15.75 pounds	64	2 Gal./4 Gal.
ST-843	#2384309	084309	N/A	36 x 4 fl. oz. packs	10.5 pounds	75	4 Gal./8 Gal.
ST-844	#2384408	084408	N/A	6 x 20 fl. oz. packs	9 pounds	100	5 Gallons
ST-1376	#2313767	013767	N/A	10 x 1 fl. oz. w/BTL	2 pounds	200	1-2 Gallons
ST-9842	#2998429	098429	N/A	12 x 32 oz. empty silk-screened spray bottles	3.5 pounds	40	N/A
ST-9911	#2908930	008930	N/A	1 x 5-gallon Quik Tank container w/taucet	2.75 pounds	36	N/A

GS Extra-Strength Cleaner Concentrate is a non-flammable, medium-sudsing, heavy-duty all-purpose cleaner and degreaser with a readily biodegradable surfactant system. Superior penetration and removal of greasy soils. Fast, safe removal of ink, coffee, graphite, greases, and oils on all surfaces, including most clothing.

Unlike harsh caustics and volatile solvents, GS Extra-Strength Cleaner Concentrate cleans safely without hazardous fumes and toxic by-products. It is ideal for use in food service areas, garages, and machine shops.

GS Extra-Strength Cleaner Concentrate is non-toxic, non-butyl, phosphate-free, and biodegradable.

Packaged in source-reduced plastic packs, GS Extra-Strength Cleaner Concentrate is formulated to meet published standards of environmentally preferable industrial and institutional cleaners. These standards require low levels of human and aquatic toxicity, high levels of biodegradability and performance, and reduced smog production potential.

Directions

Empty contents of GS Extra-Strength Cleaner Concentrate into cold water (see dilution ratios below). Apply solution with trigger sprayer, sponge, or cloth. Wipe away with damp cloth.

Dilutions

#2308534, #2385300 & #2313743

Mix each pack with 1 quart of cold water for all-purpose spray-and-wipe cleaning. Mix with 1 gallon of cold water for scrubbing or 2 gallons for damp mopping.

#2384200 & #2384204

Mix with 2 gallons of cold water for scrubbing or 4 gallons for damp mopping.

#2384309

Mix each pack with 4 gallons of cold water for scrubbing or 8 gallons for damp mopping.

#2384408

Mix one 20-ounce pack with cold water in the Quik Tank container to make 5 gallons of ready-to-use all-purpose spray-and-wipe cleaner. Agitate to mix. Fill trigger spray bottles from Quik Tank container.

Ingredients

The primary ingredients in GS Extra-Strength Cleaner Concentrate are anionic and nonionic surfactants.

Note: Fragrance added.

Personal Protective Equipment: Wear protective eyewear if contact is possible.

Unused Product Disposal: Unused product or its solutions may be poured down the drain. Never pour unused product or its solutions down an outdoor drain.

Improper dilution or improper use of this product may result in eye irritation, damage to surfaces and unsatisfactory cleaning performance.

Pack Recycling: Empty packs should be rinsed out with cold water and then placed for recycling where accepted.

Chemical Characteristics

Appearance	Clear, Green Liquid
Biodegradable	Yes
California Compliant	Yes
Corrosive Category (Concentrate)	No
Corrosive Category (Use Dilution)	No
DEA-Free	Yes
Fragrance	Fresh Scent, Fragrance
Non-Acid	Yes
Non-Butyl	Yes
Non-Flammable	Yes
NPE-Free	Yes
NSF Certified	C1+C2
pH (Concentrate)	10.5±.05
pH (Use Dilution)	7.5±0.5
Phosphate-Free	Yes
VOC	None

STEARNS

STEARNS PACKAGING CORPORATION

4200 Sycamore Avenue (53714) • P.O. Box 3216, Madison, Wisconsin 53704-0216

Telephone: (800) 655-5008 • (608) 246-5150 • Fax: (608) 246-5149

E-mail: stearns@stearnspkg.com • Website: <http://www.stearnspkg.com>

853 Tech Rev. 02/10

ONE PACKS

Dispenser-Free Control Systems®

GS Extra-Strength Cleaner

**#2308534, 2385300, 2313743,
2384200, 2384204, 2384309,
2313767**

Heavy-Duty All-Purpose Cleaner and Degreaser

Safe Handling

Avoid contact with eyes.

IF IN EYES: Rinse with water for a few minutes. If irritation persists, get medical attention.

Personal Protective Equipment: Wear protective eyewear if contact is possible.

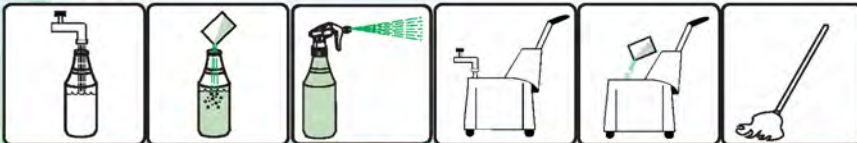
Unused Product Disposal: Unused product or its solutions may be poured down the drain. Never pour unused product or its solutions down an outdoor drain.

Improper dilution or improper use of this product may result in skin and eye irritation, damage to surfaces and unsatisfactory cleaning performance.

Pack Recycling: Empty packs should be rinsed out with water and then placed for recycling where accepted.



DIRECTIONS



Empty contents of GS Extra-Strength Cleaner Concentrate into cold water (see dilution rates below). Apply solution with trigger spray, sponge, or cloth. Wipe away with damp cloth. Empty and rinse bottle before refilling.

Dilutions

#2308534, #2385300, #2313743, #2313767 - Mix each pack with 1 quart of cold water for all-purpose spray-and-wipe cleaning. Mix with 1 gallon of cold water for scrubbing or 2 gallons for damp mopping.

#2384200, #2384204 - Mix with 2 gallons of cold water for scrubbing or 4 gallons for damp mopping.

#2384309 - Mix each pack with 4 gallons of cold water for scrubbing or 8 gallons for damp mopping.



This product meets Green Seal™ Standard GS-37 based on effective performance, concentrated volume, minimized/recycled packaging and protective limits on: VOCs and human & environmental toxicity. GreenSeal.org.

The U.S. EPA's Safer Choice Program helps consumers, businesses, and institutional buyers identify cleaning and other products that perform well and are safer for people and the environment.



STEARNS PACKAGING CORPORATION

P.O. Box 3216, 4200 Sycamore Avenue, Madison, Wisconsin 53704
1-800-655-5008 • www.stearnspkg.com

Rev. 1217

GS Neutral Cleaner Concentrate



Concentrated pH Neutral Floor Cleaner
No harsh or abrasive ingredients to mar fine floor finishes
Optimum cleaning with no rinse required



epa.gov/ffesaferchoice

The U.S. EPA's Safer Choice Program helps consumers, businesses, and institutional buyers identify cleaning and other products that perform well and are safer for people and the environment.



This product meets Green Seal™ Standard GS-37 based on effective performance, concentrated volume, minimized/recycled packaging and protective limits on: VOCs and human & environmental toxicity. GreenSeal.org.

ST-No.	New Item #	Case UPC No. Mfg. No. 071206	Each UPC No. Mfg. No. 071206	Case Size	Case Weight	Cases /Pallet	Yield
ST-845	#2384507	084507	N/A	144 x 1 fl. oz. packs	12 pounds	75	2 Gallons
ST-845E	#2384501	284501	028457	10 x 12 x 1 fl. oz. packs	9.55 pounds	64	2 Gallons
ST-846	#2384606	084606	N/A	72 x 2 fl. oz. packs	10.75 pounds	75	4 Gallons
ST-846E	#2384600	284600	028464	10 x 10 x 2 fl. oz. packs	15.75 pounds	64	4 Gallons
ST-847	#2384705	084705	N/A	36 x 4 fl. oz. packs	11 pounds	75	8 Gallons
ST-848	#2384804	084804	N/A	10 x 8 fl. oz. packs	6.5 pounds	100	16 Gallons

GS Neutral Cleaner Concentrate is a mild concentrated pH neutral floor cleaner designed for mopping floors and for cleaning all washable surfaces. It contains no caustic, abrasive, or any harsh ingredients that mar fine floor finishes.

GS Neutral Cleaner Concentrate dissolves completely in cold water and works equally well in hard or soft water. It leaves floors sparkling clean without a film or streaks.

Packaged in source-reduced plastic packs, GS Neutral Cleaner Concentrate is formulated to meet published standards of environmentally preferable industrial and institutional cleaners. These standards require low levels of human and aquatic toxicity, high levels of biodegradability and performance, and reduced smog production potential.

Directions

Empty the contents of a GS Neutral Cleaner Concentrate pack into cold water (see dilution ratios below). Use for cleaning walls, floors, or on any washable surface. Apply manually or use with automatic scrubbing equipment.

Dilutions

#2384507 & #2384501

Mix one pack with 2 gallons of cold water for light duty floor cleaning.

#2384606 & #2384600

Mix one pack with 4 gallons of cold water for light duty floor cleaning.

#2384705

Mix one pack with 8 gallons of cold water for light duty floor cleaning.

#2384804

Mix one pack with 16 gallons of cold water for light duty floor cleaning.

Ingredients

The primary ingredients in GS Neutral Cleaner Concentrate are biodegradable, nonionic surfactants and a sequestering agent.

Note: Fragrance added.

Personal Protective Equipment: Wear protective eyewear if contact is possible.

Unused Product Disposal: Unused product or its solutions may be poured down the drain. Never pour unused product or its solutions down an outdoor drain.

Improper dilution or improper use of this product may result in eye irritation, damage to surfaces and unsatisfactory cleaning performance.

Pack Recycling: Empty packs should be rinsed out with cold water and then placed for recycling where accepted.

Chemical Characteristics

Appearance	Clear, Yellow Liquid
Biodegradable	Yes
California Compliant	Yes
Corrosive Category (Concentrate)	No
Corrosive Category (Use Dilution)	No
DEA-Free	Yes
Fragrance	Fresh Herbal Scent
Non-Acid	Yes
Non-Butyl	Yes
Non-Flammable	Yes
NPE-Free	Yes
NSF Certified	C1, C2
pH (Concentrate)	7.5±0.5
pH (Use Dilution)	7.5±0.5
Phosphate-Free	Yes
VOC	None



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846Tech Rev. 0518

ONE PACKS

Dispenser-Free Control Systems®

GS Neutral Cleaner Concentrate

**#2384507, 2384501, 2384606,
2384600, 2384705, 2384804**

Concentrated pH Neutral Floor Cleaner

Safe Handling

Avoid contact with eyes.

F IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists get medical attention.

Personal Protective Equipment: Wear protective gloves. Wear protective eyewear.

Unused Product Disposal: Unused product or its solution may be poured down the drain. Never pour unused product or its solution down an outdoor drain.

Improper dilution or improper use of this product may result in skin and eye irritation, damage to surfaces and unsatisfactory cleaning performance.

Pack Recycling: Empty packs should be rinsed out with cold water and then placed for recycling where accepted.



DIRECTIONS



Empty the contents of a GS Neutral Cleaner Concentrate pack into cold water (see dilution rates below). Use for cleaning walls, floors, or on any washable surface. Apply manually or use with automatic scrubbing equipment.

Dilutions

#2384507 & #2384501 - Mix one pack with 2 gallons of cold water for light duty floor cleaning.

#2384606 & #2384600 - Mix one pack with 4 gallons of cold water for light duty floor cleaning.

#2384705 - Mix one pack with 8 gallons of cold water for light duty floor cleaning.

#2384804 - Mix one pack with 16 gallons of cold water for light duty floor cleaning.



This product meets Green Seal™ Standard GS-37 based on effective performance, concentrated volume, minimized/recycled packaging and protective limits on: VOCs and human & environmental toxicity. GreenSeal.org.



Nonfood Compounds
Program Listed C1
135231

The U.S. EPA's Safer Choice Program helps consumers, businesses, and institutional buyers identify cleaning and other products that perform well and are safer for people and the environment.



STEARNS PACKAGING CORPORATION

P.O. Box 3216, 4200 Sycamore Avenue, Madison, Wisconsin 53704
1-800-655-5008 • www.stearnspkg.com

Rev. 0118

GS Restroom & Bowl Cleaner Concentrate



**Fresh Scent, Non-Corrosive
Toilet Bowl/Bathroom Cleaner**
Ideal for daily cleaning and bowl maintenance



epa.gov/ffesaferchoice

The U.S. EPA's Safer Choice Program helps consumers, businesses, and institutional buyers identify cleaning and other products that perform well and are safer for people and the environment.



This product meets Green Seal™ Standard GS-37 based on effective performance, concentrated volume, minimized/recycled packaging and protective limits on: VOCs and human & environmental toxicity. GreenSeal.org.

ST-No.	New Item #	Case UPC No. Mfg. No. 071206	Each UPC No. Mfg. No. 071206	Case Size	Case Weight	Cases /Pallet	Yield
ST-851	#2385108	085108	N/A	72 x 2 fl. oz. packs	11 pounds	75	1 Quart or 1 Bowl
ST-851E	#2385102	285102	028518	10 x 10 x 2 fl. oz. packs	15.75 pounds	64	1 Quart or 1 Bowl
ST-1373	#2313736	013736	N/A	25 x 2 fl. oz. packs	4.25 pounds	162	1 Quart or 1 Bowl
ST-852	#2385207	085207	N/A	6 x 20 fl. oz. packs	9 pounds	100	5 Gallons
ST-9851	#2998511	098511	N/A	12 x 32 oz. empty silk-screened bottle w/out cap	2.75 pounds	40	N/A
ST-9911	#2908930	008930	N/A	1 x 5-gallon Quik Tank container w/faucet	2.75 pounds	36	N/A

GS Restroom & Bowl Cleaner Concentrate is non-corrosive and free of harmful acids. It will clean toilet bowls, urinals, tile walls, tubs, and sinks with ease and safety. When diluted properly, GS Restroom & Bowl Cleaner Concentrate will break down and remove daily accumulations of soils, limescale, and urinary salts with its high-foaming action. Fresh clean fragrance.

Directions

Empty contents of GS Restroom & Bowl Cleaner Concentrate into cold water (see dilution ratios for #2385108, #2385102, and #2385207 below). Apply solution with trigger sprayer, or use spout cap on the quart bottle. For maximum performance, use product daily.

Dilutions

#2385108, #2385102, & #2313736

Toilet bowl: Fill quart bottle with cold water. Add contents of one pack. Squirt or spray into toilet bowl and scrub with brush or johnny mop. For extreme buildup, add contents of one 2-ounce pack directly to the toilet bowl and agitate.

Urinals, tile walls, tubs, and sinks: Fill quart bottle with cold water. Add contents of one pack. Squirt or spray on surface, and wipe clean.

#2385207

Add contents of two 20-ounce packs of GS Restroom & Bowl Cleaner Concentrate to five gallons of water (use #2908930 5-gallon Quik Tank container with faucet). Agitate to mix. Fill quart bottle with solution from the five-gallon tank. Apply and wipe clean.

Ingredients

The primary ingredients in GS Restroom & Bowl Cleaner Concentrate are organic acid salt a nonionic surfactant, fragrance and dye.

Personal Protective Equipment: Wear protective gloves. Wear protective eyewear.

Unused Product Disposal: Unused product or its solutions may be poured down the drain. Never pour unused product or its solutions down an outdoor drain.

Improper dilution or improper use of this product may result in skin and eye irritation, damage to surfaces and unsatisfactory cleaning performance.

Pack Recycling: Empty packs should be rinsed out with cold water and then placed for recycling where accepted.

Chemical Characteristics

Appearance	Purple Liquid
Biodegradable	Yes
California Compliant	Yes
Corrosive Category (Concentrate)	No
Corrosive Category (Use Dilution)	No
DEA-Free	Yes
Fragrance	Fresh Herbal Scent
Non-Acid	No
Non-Butyl	Yes
Non-Flammable	Yes
NPE-Free	Yes
NSF Certified	C1+C2
pH (Concentrate)	0.5-1.0
pH (Use Dilution)	2.0-2.5
Phosphate-Free	Yes
VOC	None



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ONE PACKS

Dispenser-Free Control Systems®

GS Restroom & Bowl Cleaner Concentrate

#2385108, 2385102, 2313736

Fresh Scent, Non-Corrosive Toilet Bowl
Bathroom Cleaner

Safe Handling

Avoid contact with eyes.

F IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists get medical attention.

Personal Protective Equipment: Wear protective gloves. Wear protective eyewear.

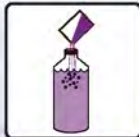
Unused Product Disposal: Unused product or its solution may be poured down the drain. Never pour unused product or its solution down an outdoor drain.

Improper dilution or improper use of this product may result in skin and eye irritation, damage to surfaces and unsatisfactory cleaning performance.

Pack Recycling: Empty packs should be rinsed out with cold water and then placed for recycling where accepted.



DIRECTIONS



Empty contents of GS Restroom & Bowl Cleaner Concentrate into cold water. Apply solution with trigger spray, or use spout cap on the quart bottle. For maximum performance, use product daily. Empty and rinse bottle before refilling.

Toilet bowl Fill quart bottle with cold water. Add contents of one pack. Squirt or spray into toilet bowl and scrub with brush or johnny mop. For extreme buildup, add contents of one 2-ounce pack directly to the toilet bowl and agitate.

Urinals, tile walls, tubs, and sinks Fill quart bottle with cold water. Add contents of one pack. Squirt or spray on surface, and wipe clean.



This product meets Green Seal™ Standard GS-37 based on effective performance, concentrated volume, minimized/recycled packaging and protective limits on: VOCs and human & environmental toxicity. GreenSeal.org.



Nonfood Compounds
Program Listed C1, C2
139609

The U.S. EPA's Safer Choice Program helps consumers, businesses, and institutional buyers identify cleaning and other products that perform well and are safer for people and the environment.



STEARNS PACKAGING CORPORATION

P.O. Box 3216, 4200 Sycamore Avenue, Madison, Wisconsin 53704
1-800-655-5008 • www.stearnspkg.com

Rev. 0118

GS Window Cleaner Concentrate



Concentrated Glass Cleaner
Formulated without solvents, glycol ethers or ammonia
Safe on plastics and plexiglass



epa.gov/dfsafeschoice

The U.S. EPA's Safer Choice Program helps consumers, businesses, and institutional buyer identify cleaning and other products that perform well and are safer for people and the environment.



This product meets Green Seal™ Standard GS-37 based on effective performance, concentrated volume, minimized/recycled packaging and protective limits on: VOCs and human & environmental toxicity. GreenSeal.org.

ST-No.	New Item #	Case UPC No. Mfg. No. 071206	Each UPC No. Mfg. No. 071206	Case Size	Case Weight	Cases /Pallet	Yield
ST-720	#2307209	007209	N/A	144 x 1 fl. oz. packs	6 pounds	144	25.5 Ounces
ST-840	#2384002	084002	N/A	48 x 2 fl. oz. packs	7.25 pounds	154	1 Quart
ST-840E	#2384006	284006	028402	10 x 10 x 2 fl. oz. packs	15.75 pounds	64	1 Quart
ST-1370	#2313705	013705	N/A	25 x 2 fl. oz. packs w/Bottles	4.25 pounds	162	1 Quart
ST-841	#2384101	084101	N/A	6 x 20 fl. oz. packs	8.75 pounds	100	2.5 Gallons
ST-9840	#2998405	098405	N/A	12 x 32 oz. empty silk-screened bottles	3.5 pounds	40	N/A
ST-9911	#2908930	008930	N/A	1 x 5-gallon Quik Tank container w/foamers	2.75 pounds	36	N/A

GS Window Cleaner Concentrate is a super concentrated window cleaner that leaves hard surfaces free of streaks, soils, smudges, and grease.

GS Window Cleaner Concentrate is formulated without solvents, glycol ethers, ammonia, or fragrance. Excellent performance on glass surfaces, windows, and mirrors. Safe on plastics, Plexiglas® and contains no VOC ingredients.

Packaged in source-reduced plastic packs, GS Window Cleaner Concentrate is formulated to meet published standards of environmentally preferable industrial and institutional cleaners. These standards require low levels of human and aquatic toxicity, high levels of biodegradability and performance and reduced smog production potential.

Directions

#2307209

Fill trigger spray bottle with 24 ounces of cold water. Empty contents of one pack and agitate to mix. Apply a mist to the entire surface, then wipe dry.

#2384002, #2384006 & #2313705

Fill 32-ounce trigger spray bottle with cold water to fill line. Empty contents of one pack and agitate to mix. Apply a mist to the entire surface, then wipe dry.

#2384101

Mix two 20-ounce packs with cold water in the Quik Tank container to make 5 gallons of ready-to-use window cleaner. Agitate to mix. Fill trigger spray bottles from Quik Tank container.

Ingredients

The primary ingredients in GS Window Cleaner Concentrate are a surfactant and a complexing agent.

Personal Protective Equipment: Wear protective eyewear if contact is possible.

Unused Product Disposal: Unused product or its solutions may be poured down the drain. Never pour unused product or its solutions down an outdoor drain.

Improper dilution or improper use of this product may result in eye irritation, damage to surfaces and unsatisfactory cleaning performance.

Pack Recycling: Empty packs should be rinsed out with cold water and then placed for recycling where accepted.

Chemical Characteristics

Appearance	Clear, Dark Blue Liquid
Biodegradable	Yes
California Compliant	Yes
Corrosive Category (Concentrate)	No
Corrosive Category (Use Dilution)	No
DEA-Free	Yes
Fragrance	None
Non-Acid	Yes
Non-Butyl	Yes
Non-Flammable	Yes
NPE-Free	Yes
NSF Certified	A7+C1
pH (Concentrate)	10.5-11.5
pH (Use Dilution)	9.0
Phosphate-Free	Yes
VOC	None



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ONE PACKS

Dispenser-Free Control Systems®

GS Window Cleaner Concentrate

**#2307209, 2384002,
2384006, 2313705**
Concentrated Glass Cleaner

Safe Handling

Avoid contact with eyes.

F IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists get medical attention.

Personal Protective Equipment: Wear protective gloves. Wear protective eyewear.

Unused Product Disposal: Unused product or its solution may be poured down the drain. Never pour unused product or its solution down an outdoor drain.

Improper dilution or improper use of this product may result in skin and eye irritation, damage to surfaces and unsatisfactory cleaning performance.

Pack Recycling: Empty packs should be rinsed out with cold water and then placed for recycling where accepted.



DIRECTIONS

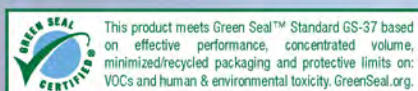


#2307209

Fill trigger spray bottle with 24 ounces of cold water. Empty contents of one pack and agitate to mix. Apply a mist to entire surface, then wipe dry. Empty and rinse before refilling.

#2384002, #2384006, #2313705

Fill 32-ounce trigger spray bottle with cold water to fill line. Empty contents of one pack and agitate to mix. Apply a mist to entire surface, then wipe dry. Empty and rinse before refilling.



Nonfood Compounds
Program Listed C1, C2
139609

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STEARNS PACKAGING CORPORATION

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Rev. 0118

Pathostat 64

Cleaner, Disinfectant, Non-Food Contact Sanitizer,
Deodorizer, Fungicide, Mildewstat, Virucide*



Item Number	UPC Case	UPC Each	Size	Case Weight	Cases/Pallet	Yield Per Pack
1043018	071206643018	071206645012	4x1 gal	37 lbs	48	1 Gallon
2343025	071206643025	N/A	36x4oz	11 lbs	75	2 Gallons
2343032	071206643032	071206645029	2x10x.5oz	4 lbs	100	1 Quart
2343049	071206643049	N/A	10x10oz	8 lbs	100	5 Gallons
2343056	071206643056	N/A	72x2oz	11 lbs	75	1 Gallon
2343070	071206643070	N/A	144x.5oz	7.25 lbs	75	1 Quart
2343087	071206643087	N/A	25x.5oz	1.75 lbs	162	1 Quart
2343094	071206643094	071206645029	10x.5oz	1.5 lbs	200	1 Quart
2343117	071206643117	071206645029	10x10x.5oz	5.5 lbs	64	1 Quart
2343124	071206643124	N/A	72x2.25oz	13.75 lbs	75	1 Quart
2943131	071206643131	N/A	12x32oz bottle	3.5 lbs	40	1 Quart

DIRECTIONS FOR USE

It is a violation of Federal law to use Pathostat64 in a manner inconsistent with its labeling.

Before using Pathostat64, food products and packaging materials must be removed from room or carefully protected. Pathostat64 is not for use on medical device surfaces.

FOR USE AS A GENERAL, HOSPITAL DISINFECTANT, FUNGICIDE, VIRUCIDE*, DEODORIZER CLEANER:

- Pre-clean heavily soiled areas.
- Apply use solution of 2 oz. of this product per gal. of water (or equivalent use dilution) to disinfect hard, non-porous, non-food contact surfaces with a sponge, brush, cloth, mop, by immersion, auto scrubber, mechanical spray device, hand pump, coarse trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray.
- Treated surfaces must remain visibly wet for 10 minutes. 2 minutes to kill SARS-CoV-2 or for 10 minutes to kill all organisms (listed on the label).
- Allow to air dry.
- Prepare a fresh solution daily or when visibly dirty.

TO KILL SARS-COV-2: Pre-clean visibly soiled areas. Apply a use solution of 2 oz. of this product per gal. of water (or equivalent use dilution) to hard, non-porous surfaces. Allow treated surfaces to remain visibly wet for 2 minutes. Rinse with potable water after use on surfaces that come in contact with food.

BLOODBORNE PATHOGEN INSTRUCTIONS:

***KILLS HIV, HBV AND HCV ON PRE-CLEANED HARD, NON-POROUS SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings or other settings in which there is an expected likelihood of soiling of hard, non porous surfaces/objects with blood or body fluids and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS), Hepatitis B Virus (HBV) and Hepatitis C Virus (HCV).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV AND HCV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

Personal Protection: Wear protective latex gloves, gowns, masks and eye protection. sable latex gloves, gowns, masks

Cleaning Procedure: Blood and other body fluids (containing HIV-1, HBV & HCV) must be thoroughly cleaned from hard,non porous surfaces and objects before application of this product. **Disposal of Infectious Materials:** Blood and other body fluids, cleaning materials and clothing must be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal. **Contact Time:** Allow hard, non-porous surfaces to remain visibly wet for 2 minutes to kill HIV and 10 minutes for all organisms listed on the label.

TO KILL FUNGI: Pre-clean visibly soiled areas. Prepare use solution by adding 2 oz. of this product per gal. of water (or equivalent use dilution).

TO CONTROL MOLD/MILDEW: Pre-clean visibly soiled areas. Prepare use solution by adding 2 oz. of this product per gal. of water (or equivalent use dilution). Apply use solution to hard, non-porous surfaces which will effectively inhibit the growth of mold and mildew and their odors. Repeat treatment every seven days, or more often if new growth appears.

Prior to use of this product, remove all animals and feeds from premises, animal transportation vehicles, and enclosures. Remove all litter, droppings and manure from floors, wallsand surfaces of barns, pens, stalls, chutes and other surfaces of facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean surfaces with soap or detergent and rinse with water.

FOR USE AS AN ANIMAL PREMISE DISINFECTANT/VIRUCIDE*: Prepare a use solution of 2 oz. of this product per gal. of water (or equivalent use dilution) (1:64) (660 ppm) for effectiveness against designated animal viruses on the label.

FOR USE AS AN ANIMAL PREMISE DISINFECTANT/VIRUCIDE*: Prepare a use solution of 9 oz. of this product per gal. of water (or equivalent use dilution) (1:14) (2970 ppm) for effectiveness against designated animal viruses on the label.

Apply use solution to disinfect hard, non-porous surfaces with a sponge, brush, cloth, (by immersion), (mechanical spray device,) (hand pump) (coarse) trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Immerse all halters and other types of

equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure in the use solution. Treated surfaces must remain visibly wet for 10 minutes. Ventilate buildings, coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, troughs, automatic feeders, fountains and waterers and other treated equipment which can contact food or water with soap or detergent, and rinse with potable water before reuse.

VEHICLES: To clean hard, non-porous surfaces on vehicles including mats, crates, cabs, and wheels, use 2 oz. of this product per gal. of water (or equivalent use dilution). Apply use solution to hard, non-porous surfaces on vehicles. Leave treated surfaces visibly wet for 10 minutes. Allow to air dry.

Chemical Characteristics

Appearance	Red Liquid
Biodegradable	Yes
Corrosive Category (Concentrate)....	Eye Damage 1
Corrosive Category (Use Dilution)	No
DEA-Free	Yes
Fragrance	Fresh Scent
Non-Acid	Yes
Non-Butyl	Yes
Non-Flammable	Yes
NPE-Free	Yes
NSF Certified	D2
pH (Concentrate)	11.0-11.5
pH (Use Dilution 1:64)	9.7-9.9
Phosphate-Free	Yes
VOC	None

Active Ingredients

Dimethyl Benzyl Ammonium Chloride.....	2.54%
Alkyl (50% C ₁₄ , 40% C ₁₂ , 10% C ₁₆)	
Dimethyl Ethylbenzyl Ammonium Chloride	1.69%
OTHER INGREDIENTS:	95.77%
TOTAL:	100.00%

EPA Reg. No. 10324-154-3640 EPA Est. No. 3640-WI-1



STEARNS PACKAGING CORPORATION

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Tech Rev. 0923

ONE PACKS

Dispenser-Free Control Systems®

Pathostat 64

EPA Reg. No. 10324-93-3640
EPA Est. No. 3640-WI-1

**#2343032, 2343070, 2343087, 2343094,
2343117, 2343124***

**Cleaner, Disinfectant, Non-Food Contact Sanitizer,
Deodorizer, Fungicide, Mildewstat, Virucide**

FIRST AID

In case of emergency, call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

IF SWALLOWED: Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a poison control center or doctor immediately for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.



DIRECTIONS



For Use as a General, Hospital Disinfectant, Fungicide, Virucide, Cleaner

1. Pre-clean heavily soiled areas.
2. Apply use solution of 0.5 oz. or 2.25 oz.* of this product per 1 quart of water (or equivalent use dilution) to disinfect hard, non-porous, non-food contact surfaces with a sponge, brush, cloth, mop, by immersion, auto scrubber, mechanical spray device, hand pump, coarse trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray.
3. Treated surfaces must remain visibly wet for 2 minutes to kill SARS-CoV-2 or for 10 minutes to kill all organisms listed on the label.
4. Allow to air dry.
5. Prepare a fresh solution daily or when visibly dirty.
6. Empty and rinse bottle before refilling.

*This product kills the following viruses in 10 minutes at 2.25 oz. per quart of 400 ppm hard water {(2970 ppm active)} and 5% soil on hard, non-porous surfaces:

Canine Parvovirus {(CPV)} {(Type 2b)}

Rabies Virus {(Clinical Isolate)}



STEARNS PACKAGING CORPORATION

Rev. 0923

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Stearns Packaging Corporation Sustainability Statement

At Stearns Packaging Corporation, we have maintained an unwavering commitment to our customers, to our workers, and to environmental sustainability since our inception in 1945. To ensure earth-friendly corporate practices, Stearns promotes innovation in product formulation, package design, sensible use of resources, and elimination of waste.

- Our ongoing efforts are focused on the development and extensive use of non-toxic cleaning products shipped in source-reduced recyclable premeasured *One Packs*™. We have successfully integrated environmentally preferred chemistry, *Dispenser-Free Control Systems*™, and source-reduced recyclable packaging into a cost and labor-saving system that is truly sustainable as well.
- Our latest formulations meet the stringent Green Seal GS-37 criteria, Safer Choice.
- Our *Water Flakes*® and *One Packs Dispenser-Free Control Systems*® reduce packaging by up to 90%. These innovations give Stearns the lowest carbon footprint of any cleaning product delivery system in the industry.
- Using safe, environmentally-preferable concentrates and source-reduced recyclable packaging reduces shipping costs, landfill fees, and the waste associated with plastic bottles, pails, and drums.

Our concept of conveniently delivering safe formulations in a premeasured architecture ensures accurate measurement and enhanced safety while exemplifying our commitment to environmental accountability.

Based in Madison, Wisconsin, a city renowned for its progressive policies, Stearns is dedicated to reduce, reuse, and recycle. We strive to meet the environmental needs of our customers, our community, and our planet.

Who is Stearns?

Since 1963, Stearns Packaging Corporation of Madison, Wisconsin, has been the foremost provider of *Dispenser-Free*™ control systems for the janitorial and institutional markets.

Our innovations have revolutionized the cleaning industry with *Dispenser-Free*™ technology and cleaning products that eliminate the complexity and wasteful over-mixing associated with gallons, pails, and drums.

Today, this simple idea has grown into a complete line of more than 60 *Dispenser-Free*™ premeasured products. The *One Packs*™ line of liquid and powder concentrates are *Dispenser-Free*™ premeasured packages specially designed for spray bottles, buckets, and solution tanks. To complement *One Packs*™, Stearns has also developed *Water Flakes*® and *Quart'r Packs*® water-soluble powder packets.

Together these products have helped our customers save untold amounts of time and money by reducing waste, simplifying training, and doing a better job faster.



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