

UNLV

**GREEN
CLEANING
PROGRAM**

UNLV

GREEN CLEANING

Table of Contents

- 1. Custodial Green Cleaning Program**
- 2. Custodial Green Cleaning Training**
- 3. UNLV Custodial (Green Cleaning) Entryway Cleaning Procedure**
- 4. UNLV Custodial (Green Cleaning) Restroom Cleaning Procedure**
- 5. UNLV Custodial (Green Cleaning) Office Cleaning Procedure**
- 6. UNLV Custodial (Green Cleaning) Classroom Cleaning Procedure**
- 7. Approved Green Seal Cleaning Products**
- 8. Custodial Green Cleaning Equipment Policy**
- 9. Custodial Sustainable Cleaning Products and Materials**

CUSTODIAL GREEN CLEANING PROGRAM

Green Cleaning Purpose – To protect the health of our custodians and occupants without harming the environment.

Basic principles of the Green Cleaning Program:

- ★ Focus on entry ways. Trap and remove dirt and pollutants before they enter the building by frequently cleaning entrances and the use of entryway mats.
- ★ Minimize particles and chemicals in the air. Mechanically capture dust and dirt, using coarse spray chemicals, and applying the cleaner to cloth rather than spraying the surface to be cleaned.
- ★ Use environmentally preferable cleaning chemicals along with chemical management systems for accurate product dilution.
- ★ Ensure proper vacuuming, extraction, rinsing and drying. Carpets can be a host for moisture problems and mold growth. Use Green Label approved vacuums and minimum moisture extractors. Empty vacuum bags frequently for more efficient operation.
- ★ Mechanically capture dirt and remove it rather than moving it around. Use microfiber dusting cloths and flat mops.
- ★ Focus on touch points. Daily clean door handles, bright work and other areas where people come in contact with facility or fixtures.
- ★ Apply disinfectant in restrooms properly. Ensure the chemical has proper dwell time so that soil is removed using less products.
- ★ Prevent cross-contamination. Safer products and proper use and storage of chemicals create a safer environment. Ensure tools, such as for restroom cleaning, are not carried to another area.
- ★ Use green paper products, such as recycled tissues and towels bleached without the use of chlorine.
- ★ Implement an effective recycling program.
- ★ Communicate so that building occupants understand they are part of the process. Proper spill notification will help ensure a healthy facility.

CUSTODIAL GREEN CLEANING TRAINING

**PRIOR TO BEGINNING WORK, ALL NEW
CUSTODIAL EMPLOYEES WILL BE TRAINED
ON GREEN CLEANING.**

DAY 1:

**HAZCOM
BLOODBORNE PATHOGENS
RADIATION SAFETY
ASBESTOS AWARENESS
OTHER RELATED SAFETY ISSUES**

DAY 2:

**OFFICE CLEANING
CLASSROOM CLEANING
RESTROOM CLEANING
ENTRYWAY CLEANING**

QUARTERLY REFRESHER TRAINING

UNLV CUSTODIAL (GREEN CLEANING) ENTRYWAY CLEANING PROCEDURE

STEP 1:

Gather all equipment and supplies needed to complete the job:

Dairy brush	Spot cleaner
Porter pan/lobby broom	Glass Cleaner
Microfiber flat mop	Wet Floor Sign
Mop and Mop Bucket/Wringer	Clean Towels
Spray Bottles/Triggers	Putty Knife
Disinfectant Cleaner	Paper Towels
Vacuum (Backpack) cleaner	Cigarette Scoop

STEP 2:

- Remove all loose debris from area, using porter pan and broom
- Remove debris from any ash trays using cigarette scoop

STEP 3:

DUSTING

- Using backpack, dust all horizontal surfaces such as window ledges, door frames, fire extinguisher boxes, etc.

STEP 4:

CLEAN GLASS AREA

- Using spray bottle and trigger sprayer filled with glass cleaner, spray glass cleaner solution onto a damp towel, wipe glass area, then wipe dry with paper towel.

STEP 5:

CLEAN DOORKNOBS, LIGHT SWITCHES, CRASH BARS AND DOORS

- Using spray bottle and trigger sprayer filled with disinfectant solution, spray solution onto a damp towel, wipe doorknobs, handles, crash bars, door frames and light switches, then wipe dry with a clean, dry towel.

STEP 6:

CLEAN FLOOR AREA - CARPETED

- Using putty knife and gum remover, remove all gum
- Using backpack vacuum, vacuum carpet and entrance mat daily
- Wet sponge or cloth with spot remover solution, rub stain with solution, use a dairy brush to agitate and feather stain, then blot up with a clean, dry towel

CLEAN FLOOR AREA - TILED

- Using putty knife and gum remover, remove all gum
- Using backpack vacuum, vacuum entrance mat
- Using microfiber flat mop, sweep entry area, using mop and mop bucket/wringer, damp mop floor with neutral cleaner solution

UNLV CUSTODIAL (GREEN CLEANING) RESTROOM CLEANING PROCEDURE

USE RUBBER OR LATEX GLOVES AT ALL TIMES WHILE CLEANING RESTROOMS. WEAR SAFETY GOGGLES TO PROTECT EYES FROM CHEMICAL SPLASHES.

DAILY CLEANING

STEP 1:

Gather all equipment and supplies needed to complete the job:

Rubber/Latex Gloves	Napkin Liners
Safety Goggles	Can liners
Glass Cleaner	Toilet Tissue
Disinfectant Cleaner	Hand Towels (paper)
Clean Towels	Toilet Seat Covers
Mop and Mop Bucket/Wringer	Microfiber Flat Mop
14 qt Pail	Water for bucket and pails
Bowl Mop	Hand soap
Spray Bottles and Trigger Sprayers	Trash cart
Backpack Vacuum/Wand	Wet Floor Signs

STEP 2:

- Empty all trash containers and napkin containers
- Check and refill all dispensers
- Dust all horizontal surfaces and air vents using damp towel
- Vacuum air vents
- Remove all loose debris from countertops
- Sweep all debris from floor using microfiber mop
- Flush toilets and urinals

STEP 3:

CLEAN TOILETS AND URINALS

Using disinfectant cleaner solution, start cleaning toilets by using bowl mop to apply disinfectant. Clean toilet seat (both sides), toilet bowl including rim, bottom and wall behind toilets. Using a damp towel, spray disinfectant on towel and wipe flush valve and handle. Wipe dry with a clean, dry cloth. Clean urinals the same way.

STEP 4:

CLEAN MIRRORS

Spray glass cleaner solution onto a damp towel, wipe mirrors. Wipe dry, using paper hand towels.

STEP 5:

CLEAN SINKS, BRIGHTWORK AND COUNTERTOPS

Spray damp towel with disinfectant solutions, wipe sinks and countertops. Dry and polish with a clean, dry towel (do not use the same towel that was used for toilets and urinals!). Use the same method for brightwork on and below sinks.

STEP 6:

CLEAN DOOR HANDLES, KICK PLATES AND DISPENSERS

Spray damp towel with disinfectant solution, wipe doorhandles, kickplates and dispensers. Wipe dry and polish with clean, dry towel.



STEP 7:

MOP FLOORS

Using disinfectant solution, mop entire floor starting at furthest point from door. Leave "Wet Floor" sign in doorway until floor is completely dry.

WEEKLY CLEANING

THE WEEKLY CLEANING PROCESS SHOULD BE DONE IN ADDITION TO THE DAILY CLEANING.

STEPS 1 AND 2:



Same as in daily cleaning

STEP 3:

CLEAN TOILETS AND URINALS

Clean with bowl cleaner solution using bowl mop, push water down the trap with downward motions to expose water line. Using bowl mop, apply bowl cleaner solution under flushing rim, on waterline and the entire surface inside. Let stand for a few minutes, then scrub area using bowl mop. Same procedure is used for urinals; when done, flush several times, proceed with daily cleaning.

STEP 4:



Same as in daily cleaning

STEP 5:

CLEAN SINKS

Using bowl cleaner solution, spray a damp towel, rub inside sink vigorously. Rinse and wipe dry with a clean, dry cloth.

PARTITION CLEANING

Should be done once a week. Spray a damp towel with disinfectant solution; wipe entire partition starting at bottom, then dry and polish with a clean, dry towel.

UNLV CUSTODIAL (GREEN CLEANING) OFFICE CLEANING PROCEDURE

DAILY CLEANING

STEP 1:

Gather all equipment and supplies needed to complete the job:

Wastecan Liner	Trash Cart
Furniture Polish	Clean Towels
Microfiber Flat Mop	Dairy Brush
Backpack Vacuum	Spot Cleaner for Carpets
Spray Bottles and Trigger Sprayer	Disinfectant
Glass Cleaner	Paper Towels
Mop and Mop Bucket/Wringer	Wet Floor Sign
Porter Pan and Broom	

STEP 2:

EMPTY WASTE CANS, TRASH CANS AND PENCIL SHARPENERS

- Pull custodial cart inside office with you.
- Begin dumping waste can into trashcan on custodial cart (if liner in waste can is dirty, replace it).
- Empty all pencil sharpeners.
- Never reach into waste can to remove trash with hands.

STEP 3:

OFFICE DUSTING (SHOULD BE DONE TWICE WEEKLY)

- Using backpack vacuum and attachments, vacuum all high surfaces, such as tops of bookshelves, file cabinets, door frames and window frames and vents
- Using slightly damp cloth, dust all lower surfaces, such as desktops and countertops
- If office has venetian blinds, these should be vacuumed periodically to save you the time consuming task of washing the blinds
- Do not move personal items from desks or cabinets, wipe or vacuum around them
- Vacuum cloth furniture as needed

STEP 4:

CLEAN CHALK OR WHITE BOARDS

- Erase chalk board using a finney eraser
- Clean chalk tray using backpack vacuum
- Replace chalk supply in the chalk tray
- Erase white board using a felt eraser
- Spray window cleaner solution on a damp towel, wipe board to remove any remaining marks

STEP 5:

CLEAN FLOOR

- Remove custodial cart from office
- Carpeted offices should be vacuumed every other day
- Using porter pan and broom, remove debris from carpet that could clog your vacuum, like large pieces of paper and paper clips
- Using backpack, vacuum carpet including edges and under the desk
- Clean spots on carpet by wetting a sponge or cloth with carpet spot cleaner solution. Rub solution on stain, use a dairy brush to agitate the stain and feather the edges. Blot it up with a clean, dry cloth.

TILE OFFICES

- Using microfiber flat mop, sweep tile surface into one pile, pick up pile using porter pan and broom
- Damp mop all spills daily
- Damp mop floors weekly.

STEP 6:

CLEAN WINDOWS WEEKLY, DOOR GLASS DAILY

- Spray window cleaner solution onto a damp towel, wipe glass, wipe dry with paper towels.

STEP 7:

CLEAN DOORKNOBS, LIGHT SWITCHES AND HANDPRINTS ON DOORS

- Spray with disinfectant solution onto a damp towel, wipe knobs, switches and handprints, wipe dry with a clean, dry cloth
- When finished cleaning offices always turn off lights and lock the doors.

UNLV CUSTODIAL (GREEN CLEANING) CLASSROOM CLEANING PROCEDURE

Daily Cleaning

Step 1:

Gather all equipment and supplies needed to complete the job:

Trashcart	Putty Knife
Trash Can Liners	Clean Towels
Microfiber Flat Mop	Paper Towels
Vacuum (Backpack) Cleaner	Chalk
Porterpan and Broom	Razor Blades/Holder
Mop and Mop Bucket/Wringer	Finney Eraser
Window Cleaner & Disinfectant	Dairy Brush
Spray Bottles & Trigger Sprayer	Wet Floor Sign
Gum Remover	Spot Remover for Carpets

Step 2:

EMPTYING TRASH CANS

- Empty all waste cans, trash cans and pencil sharpeners.
- Pull custodial cart inside classroom with you.
- Begin dumping waste cans into trashcan on custodial cart (if liner in waste can is dirty, replace it).
- Empty all pencil sharpeners.
- Never reach into the waste can to remove trash with hands.

Step 3:

PICKING UP DEBRIS

- Police classroom for soda cans, water bottles and other debris.
- Take waste can with you and walk around the room, picking up debris and dump waste into trash can on custodial cart.

Step 4:

ERASING CHALK BOARDS OR WHITE BOARDS

CHALK BOARDS

- Erase chalkboard using Finney eraser
- Clean chalk trays using backpack vacuum
- Vacuum top of chalk board and floor around chalkboard
- Replace chalk supply in the chalk tray

WHITE BOARDS

- Erase white boards using eraser in tray
- Spray window cleaner solution on damp towel, wipe board to remove any remaining marks

Step 5:

DUSTING

- Using a backpack vacuum, vacuum all high surfaces, such as tops of bookshelves, door frames and air vents
- Using a damp towel, wipe low surfaces, such as table tops and counter tops to remove dust
- Dusting should be done twice weekly

Step 6:

CLEANING THE FLOOR

Remove the custodial cart from the classroom

CARPETED FLOORING

- Remove debris from carpet that could clog the vacuum, such as large pieces of paper and paper clips using a porter broom and dustpan
- Using a backpack vacuum, vacuum carpet, including edges and under desks and/or tables
- Clean spots on carpet by wetting a sponge with spot cleaner solution. Using a dairy brush, agitate the stain and feather the edges. Blot it up with a clean, dry cloth

TILE FLOORING

- Using microfiber sweeper, sweep tile surface into one pile, pick up pile using porter broom and dustpan
- Damp mop all spills daily
- Damp mop entire floor weekly

Step 7:

DESK/TABLES AND CHAIRS

- Realign desks or tables and chairs
- Wipe up spills, using disinfectant solution sprayed on a damp towel

Step 8:

WINDOWS AND GLASS DOORS

- Windows should be cleaned weekly.
- Door glass should be cleaned daily.
- Using the glass clean solution, spray a damp towel, wipe down glass, dry and polish using a clean, dry cloth or paper towel

Step 9:

CLEANING OF DOORKNOBS, LIGHT SWITCHES AND HANDPRINTS ON DOORS

- Twice a week, spray disinfectant solution on a damp towel, wipe area, dry and polish with a clean, dry towel.
- Classrooms with tile floors should be scrubbed and refinished twice a year, following the floor scrubbing and finishing procedure.
- When finished cleaning a classroom, turn off lights and turn in any found items to your supervisor who will turn them over to Public Safety.

UNLV

**GREEN SEAL
APPROVED
CLEANING
PRODUCTS FOR USE
IN ALL
LEED BUILDINGS**

CREW™

Bathroom Cleaner & Scale Remover

Non-corrosive formula deep cleans dirt and soap scum from bathroom and shower tiles, fixtures, and most washable surfaces.



Streak-Free Drying

Streak-free drying allows staff to clean surfaces with the same product used for showers, doors, porcelain, counter tops and sinks.

Prevents Stubborn Soils

This mildly acidic formula prevents build-up of stubborn bathroom soils with regular use.

Environmentally Safe

Non-corrosive formula is suitable for nearly all washable restroom surfaces.

Green Seal Certified

This product meets Green Seal's environmental standard for industrial and institutional cleaners based on its reduced human and aquatic toxicity and reduced smog production potential.



Johnson Wax
PROFESSIONAL

CREW™

BATHROOM CLEANER & SCALE REMOVER

Profile

WHAT IS IT?	A versatile, mildly acidic bathroom cleaner.
WHAT DO I USE IT ON?	Bathroom fixtures, tiles, shower doors and any other washable surface.
HOW DO I USE IT?	Simply spray onto cloth and wipe or spray the product directly onto the surface to be cleaned.
IMPORTANT:	Do not use on natural wood or marble. Certain surfaces may be unsuitable for commercial strength cleaners. Test in an inconspicuous area. Always stand on a non-slip surface when in a shower or tub.

Specifications

	Concentrate
Dilution:	1:18
pH (concentrate):	3.5 - 3.9
Color/Form:	Clear, purple
Odor:	herbal
Solubility in Water:	Complete
Cleaning Performance:	Excellent
Rinsability:	Complete
Specific Gravity (water = 1):	1.085
Shelf Life:	2 years

HMIS Hazard Ratings

	Concentrate	Use Solution
Health	2	1
Flammability	0	0
Reactivity	0	0

Safety Reminder

Please make sure your employees read and understand the product label and Material Safety Data Sheet before using this product. The label contains directions for use, and both the label and MSDS contain hazard warnings, precautionary statements and first aid procedures. MSDS's are available online at www.johnsondiversey.com or by calling 1-888-352-2249.

Packaging

Pack / Size	FORMULA Concentration	PRODUCT CODE
2/1.5L/1.59 QL RTD units (Fit)	Concentrated	3145310
2/84.5 oz./2.5 L J-FILL™ Cartridges	Concentrated	3172650



Johnson wax
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For further information on special applications or other Johnson Wax Professional products, contact your JohnsonDiversey representative, at 1-800-558-2332 or visit our web-site at www.johnsondiversey.com



ALPHA-HP™

Multi-Surface Cleaner

*An all-in-one, multi-surface
cleaner that cleans and brightens
surfaces quickly and easily.*



Green Seal Certified

This product meets Green Seal's environmental standard for industrial and institutional cleaners based on their reduced toxicity and reduced smog production potential.

Increase Performance

The power of Accelerated Hydrogen Peroxide, blends commonly used chemicals with low levels of hydrogen peroxide for high productivity cleaning.

Multiple Dilution Rates

The RTD™ dispensing system offers three dilution rates to provide a complete cleaning system. The J-Fill dispensing system offers two dilution rates.

Versatile

Use Alpha-HP cleaner on all water washable surfaces...the only product you need to meet your daily cleaning needs.



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ACCELERATED
HYDROGEN PEROXIDE
Patented

ALPHA-HP™ Multi-Surface Cleaner

Profile

WHAT IS IT?	A multi-surface cleaner formulated with accelerated hydrogen peroxide. Alpha-HP™ Multi-Surface Cleaner can be used as a daily general purpose hard surface spray and wipe or floor cleaner. Multi-Surface Wipes: Multi-surface wipes use accelerated hydrogen peroxide leave surfaces sanitary. Can be used to clean hard surfaces such as: countertops, check-out counters, infant seats, cash registers, shopping carts and other water-washable surfaces.
WHAT DO I USE IT ON?	General Purpose Cleaning Instructions: For general cleaning: use as spray and wipe or with a mop, sponge or hand pad. For use as a daily floor cleaner: apply with mop and bucket or autoscrubber. If using an autoscrubber, rinse equipment after use. Allow to air dry or pick-up excess water prior to opening to traffic. Floors will be slippery until dry. If applying finish or maintainer, a rinse will be required. Wipes: Pull wipe from canister and use to clean hard surfaces. Discard after use.
CAUTION:	Floors will be slippery until dry. Never flush wipes into toilets. Allow hard surfaces to completely dry before contact. Never use wipes for personal hygiene or for infant wipes. When using on marble, test in an inconspicuous area prior to use to determine compatibility.

Specifications

Color/Form:	Clear, Liquid
Odor:	Citrus
pH:	1.0 (acidic)
Specific Gravity:	1.038
Solubility in Water:	Complete
Flash Point:	153°F
Shelf Life:	2-years

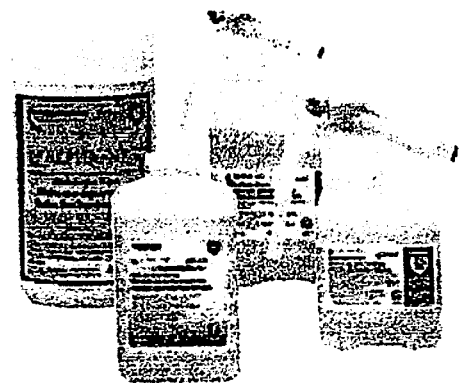
	HMIS/NFPA HAZARD RATING	
	CONCENTRATE	WIPES
Health	3	1
Fire Hazard	2	1
Reactivity	1	0

Packaging

PACK / SIZE	PRODUCT CODE
2/1.5L RTD Units	3350727
1/5L RTD Unit	3350743
2/2.5 J-Fill Units	3401512
RTU Wipes	3364387

Safety Reminder

Please make sure your employees read and understand the product label and Material Safety Data Sheet before using this product. The label contains directions for use, and both the label and MSDS contain hazard warnings, precautionary statements and first aid procedures. MSDS's are available online at www.johnsondiversey.com or by calling 1-888-352-2249.



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GLANCE[®]

Non-Ammoniated Glass Cleaner

*Streak-free glass
cleaner.*



Non-Ammoniated

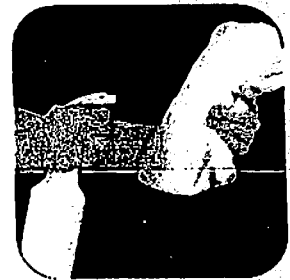
Works great without an unpleasant ammonia smell.
Pleasant to work with.

Easy to Use

Will not streak or smear glass, windows or
mirrors...wipes clean and dries fast.

Green Seal Certified

This product meets Green Seal's environmental
standard for industrial and institutional cleaners
based on its reduced human and aquatic toxicity and
reduced smog production potential.



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GLANCE®

NON-AMMONIATED GLASS CLEANER

Profile

WHAT IS IT?	A streak free, non-ammoniated glass cleaner.
WHAT DO I USE IT ON?	GLANCE Non-Ammoniated Glass cleaner can be used on glass and mirror surfaces.
How do I use it?	Fill, dilute, or dispense product into spray bottle according to label directions. Spray onto surfaces to be cleaned. Wipe surface with clean cloth or dry towel.
IMPORTANT	GLANCE Non-Ammoniated Glass cleaner is NOT suitable for use in food plants.

Specifications

Dilution:	1:40	
pH (concentrate):	7.0	
(use-dilution):		
Color/Form:	Blue/liquid	
Odor:	Mild	
Solubility in Water:	Complete	
Specific Gravity (water = 1):	1	
Flash Point:	None	
HMS Hazard Ratings:		
	concentrate	use solution
Health	1	0
Flammability	0	0
Reactivity	0	0

Safety Reminder

Please make sure your employees read and understand the product label and Material Safety Data Sheet before using this product. The label contains directions for use, and both the label and MSDS contain hazard warnings, precautionary statements and first aid procedures. MSDS's are available online at www.johnsondiversey.com or by calling 1-888-352-2249.

Packaging

Pack/Size	Formula	
	Concentration	Product Code
2/84.5 oz./2.5L J-FILL Cartridges		3172641



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Printed in the U.S.A. on recycled paper from 50% total recycled fiber containing 10% post consumer wastes.



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STRIDE®

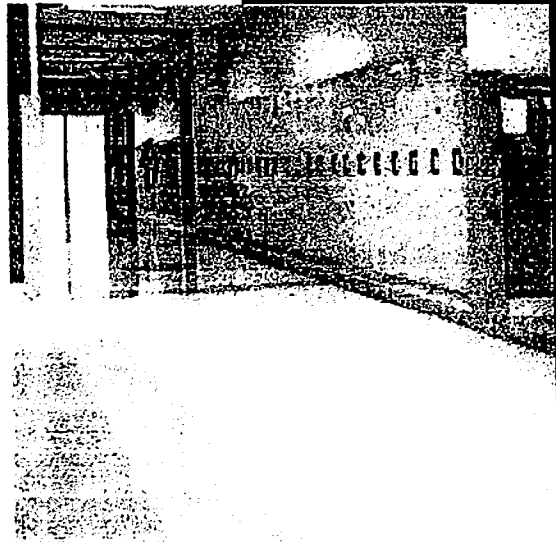
Neutral Cleaner

Available in Citrus and Floral fragrances.

*For daily use on floors,
walls, restrooms and other
washable surfaces.*



Several pack sizes available
with Green Seal certification.



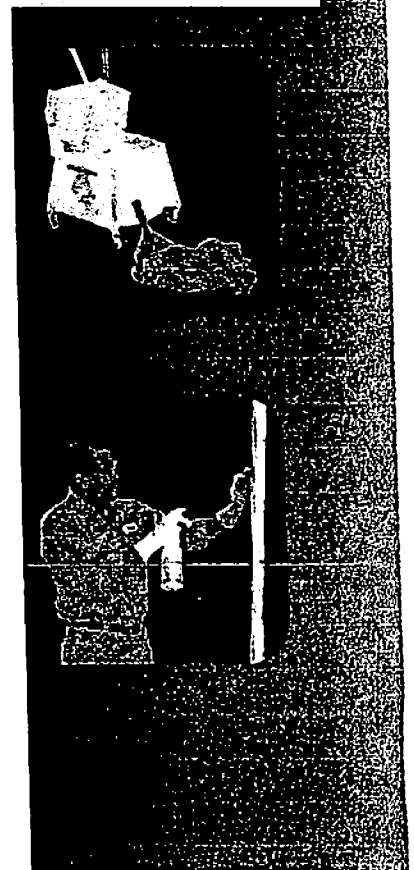
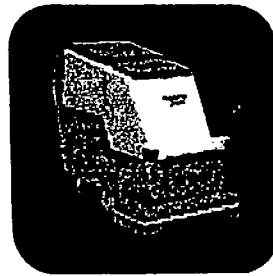
Non-alkaline formulation dries film-free. Does not need rinsing. Cleans nearly all washable surfaces.

Neutral pH, so it cleans without damage to the floors' protective coating.

Low-foaming formula allows for less emptying of recovery tanks. Ideal for use in multiple maintenance programs.

Economical concentrated formulations deliver excellent cleaning performance for just pennies per diluted gallon (3.78 L).

Green Seal Certified
Several pack sizes meet Green Seal's environmental standard for industrial and institutional cleaners based on its reduced human and aquatic toxicity and reduced smog production potential. See reverse side for details.



Johnson wax
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STRIDE[®] NEUTRAL CLEANER

Profile

WHAT IS IT?	A non-alkaline general purpose cleaner.
WHAT DO I USE IT ON?	Designed for use on most floor types, along with other washable surfaces, including ceramic, chrome and porcelain. Does not require rinsing and can be used in buckets, spray bottles or in automatic scrubbing machines because it is a low foaming product. Suitable for use in non-food processing areas.
How do I use it?	<p>Mop and Bucket Floor Cleaning: Dust mop or sweep floor. Fill, dilute or dispense product according to label directions. Mop floors. No rinsing is necessary.</p> <p>Automatic Scrubber Floor Cleaning: Dust mop or sweep floor. Fill, dilute or dispense product according to label directions. Clean and scrub floors. Trail mop machine turns, edges and low spots in the floor to pick up cleaning solution left behind by machine.</p> <p>Spray and Wipe Cleaning: Fill, dilute or dispense product according to label directions. Spray and wipe surfaces clean.</p>

Specifications

Fragrances:	Citrus & Floral			
Color/Form:	Citrus-clear orange liquid; Floral-clear red liquid			
	Hyperconcentrate	Superconcentrate	Concentrate	RTU
Dilution: (normal soils)	1:750	1:256	1:64	N/A
(heavy soils)	1:375	N/A	1:32	N/A
pH: (concentrate)	7.2 - 7.8	7.2 - 7.8	7.2 - 7.8	7.2 - 7.8
(use-solution normal)	7.5 (1:750)	7.5 (1:256)	7.5 (1:64)	7.2 - 7.8
(use-solution heavy)	7.5 (1:375)	N/A	7.5 (1:32)	N/A
Solubility in Water:	complete	complete	complete	N/A
Specific Gravity (water = 1):	1.04	1.01	1.00	1.00
Non-Volatile Content (%):	43.0%	13.5%	23%	1%
Flash Point:	>200°F	>200°F	>200°F	>200°F
Shelf Life:	2 years	2 years	2 years	2 years
Biodegradability:	All ingredients are readily or inherently biodegradable by OECD standards 301B, 301D, and 301E.			
WHMIS Classification:	D,2B	D,2B	Not Controlled	Not Controlled
USDA Classification:	All products meet USDA 1998 C1 Guidelines			
Canadian Food Inspection Agency (CFIA):	Submitted/Pending	Submitted/Pending	Submitted/Pending	Submitted/Pending
HMIS Hazard ratings (concentrate)				
Health	2	1	1	N/A
Flammability	0	0	0	N/A
Reactivity	0	0	0	N/A
(use-solution)	(1:375)	(1:256)	(1:32)	RTU
Health	0	0	0	0
Flammability	0	0	0	0
Reactivity	0	0	0	0

N/A = Not Applicable

Packaging

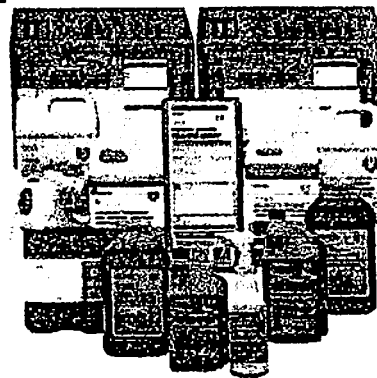
PACK / SIZE	FORMULA CONCENTRATION	PRODUCT CODE CITRUS	PRODUCT CODE FLORAL
2/84.5 oz. / 2.5 L J-FILL™ Cartridges	Hyperconcentrate	4716	4717
1/2.5 gallon / 9.45 L Bag in a Box	Hyperconcentrate	4724	N/A
1/5L RTD unit (FIB)	Superconcentrate	3063390	N/A
4/64 oz. / 1.89 L SOLUTIONS CENTER™ Cartridges	Superconcentrate	4315	4696
6/32 oz. / 946 mL ACCUMIX™ Containers	Superconcentrate	3909	3815
4/1/Gallon / 3.78 L Containers	Concentrate	3904	4689
1/5 Gallon / 20 L ENVIROBOX™	Concentrate	3906	4693
12/32 oz. / 946 mL Ready-To-Use bottles	Ready-To-Use	4185	N/A

N/A = Not Available

Meets Green Seal's GS-37 standard.

Safety Reminder

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3032091 SPC023 (03/259)

FREEDOM

LABOR-SAVING

Floor Stripper

*Great for tough jobs
when you want to strip
the floor right.*



Two pack sizes available
with Green Seal Certification.

Saves Time

Powerful, fast acting, low foam formula bites through layers of finish as soon as it's applied.

Saves Labor And Effort

No flood rinse or neutralizer steps required.

Low Odor

Reduces facility complaints regarding floor stripping odors.

Works Where Machine Scrubbing Is Not Practical

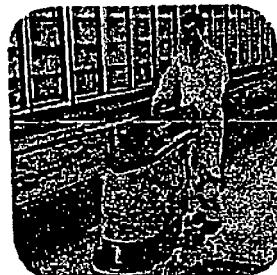
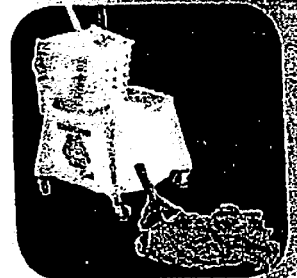
Great for "machine-free" stripping of areas with a light to medium base of finish.

Variety Of Concentrations

Available in 1:4 concentrate and 1:15 super concentrate (SC) versions. SC version is specifically formulated for dispensing through Johnson Wax Professional's state-of-the-art dilution control systems.

Green Seal Certified

The SC version meets Green Seal's standard for industrial and institutional floor care products based on its reduced human and aquatic toxicity and reduced smog production potential.



**Johnson Wax
PROFESSIONAL**

FREEDOM[®] STRIPPER

Profile

WHAT IS IT?	A powerful solvent-based stripper that quickly bites through layers of floor finish to reduce downtime and save labor costs.
WHAT DO I USE IT ON?	Designed specifically for floor finish removal on resilient flooring (vinyl, vinyl composition, vinyl asbestos).
HOW DO I USE IT?	Mix according to label directions. Blockade area to be stripped. Spread stripping solution generously onto floor with a mop, hitting the edges first to give them additional soaking time. Let stripper solution soak for 5-8 minutes. Re-wet as necessary. Hand or machine scrub thoroughly using black pads or stripping brushes. Pick up solution with either a mop, wet-vac, autoscrubber or other equipment designed for this purpose.
CAUTIONS:	Should not be used on wood floors or painted surfaces. Not recommended for use on rubber tile or linoleum floors since bleaching or softening could occur. On asphalt tile, test first in an inconspicuous area to determine if bleaching will occur.

Specifications

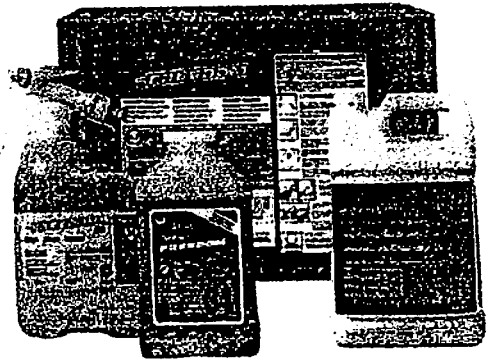
	<u>Freedom</u>	<u>Freedom SC</u>
Dilution:	1:4 with water	1:15 with water
Fragrance:	citrus	mild
pH:	Greater than 12.5	Less than 11.0
Color/Form:	clear / liquid	light yellow / liquid
Specific Gravity	1.06	0.98
Shelf Life:	2 years	2 years
WHMIS Classification:	Corrosive	Corrosive

HMIS Hazard Ratings:	(use-solution)			
	(super concentrate)	(concentrate)	(super concentrate)	(concentrate)
Health	3	3	1	1
Flammability	0	0	0	0
Reactivity	0	0	0	0

Packaging

PACK / SIZE	PRODUCT CODE
Freedom [®]	
4/1 gallon / 3.78 L containers	4609
1/5 gallon / 18.9 L BIB	4616
Freedom SC [®]	
2/84.5 oz. / 2.5 L J-FILL [®] Cartridges	4630
1/5L RTD [®] Unit (Fill)	3685931

Meets Green Seal's GS-40 standard.



Safety Reminder

Please make sure your employees read and understand the product label and Material Safety Data Sheet before using this product. The label contains directions for use, and both the label and MSDS contain hazard warnings, precautionary statements and first aid procedures. MSDSs are available on line at www.johnsondiversey.com or by calling 1-888-352-2249.

Johnson Wax
PROFESSIONAL

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For further information on special applications or other Johnson Wax Professional products contact your JohnsonDiversey representative, or call us at 1-800-558-2332 or visit our web-site at www.johnsondiversey.com

Printed in the U.S.A. on recycled paper from 50% total recycled fiber containing 10% post consumer wastes.

SPC031 (05/269)

AQUARIATM

Floor Finish

A durable, multi-maintenance floor finish that meets your environmental expectations.



Green Seal Certified

This product meets Green Seal's standard for industrial and institutional floor-care products based on its reduced human and aquatic toxicity and reduced smog production potential.

Long-Lasting Performance

Durable, proven polymer technology.

Easy To Use

Great application, exceptional buff response, easy to strip.

No-zinc Formula That Delivers

Many no-zinc finishes deliver inferior performance. Aquaria will provide the performance you expect from a Johnson Wax Professional finish.

Rounds Out Your Environmental Purchasing Program

Formulated to work with Freedom[®] SC Stripper, Stride[®] Neutral Cleaner and other Johnson Wax Professional Green Seal-Certified products.



Johnson Wax
PROFESSIONAL

Aquaria^{TM/MC} FLOOR FINISH

Profile

WHAT IS IT?	An environmentally safe, multi-maintenance floor finish formulated without zinc or heavy metals.
WHAT DO I USE IT ON?	Designed for use on all resilient floors, including vinyl and vinyl composition. Prior to use on non-resilient surfaces like terrazzo, quarry tile or concrete, test Aquaria ^{TM/MC} Floor Finish for adhesion.
HOW DO I USE IT?	<p>PREPARATION: Blockade areas to be stripped or finished. Floors will be very slippery until dry. Strip floor using JOHNSON WAX PROFESSIONAL stripper per the instructions on the stripper label. Apply 3-4 coats using a clean mop. If a higher gloss is desired, apply additional coats. Allow 40 minutes drying time between coats. Temperature, humidity and ventilation may affect drying time.</p> <p>MAINTENANCE: Dust mop or sweep. Clean the floor with a mop or automatic scrubber using the recommended JOHNSON WAX PROFESSIONAL cleaner according to label directions. To enhance appearance, use any of the following methods: Spraybuff with a JOHNSON WAX PROFESSIONAL brand Spray Buff, a red pad and 175-1500 rpm equipment. Drybuff using a medium to aggressive pad and 1000-1500 rpm equipment. Ultra High Speed burnish using a medium to aggressive pad and 2000 rpm equipment.</p> <p>RECOATING: Dust mop or sweep. Clean the floor with a mop or automatic scrubber using the recommended JOHNSON WAX PROFESSIONAL brand cleaner according to label directions. Blockade area and apply 2-3 uniform coats of finish using a clean mop.</p> <p>REMOVAL: Remove using JOHNSON WAX PROFESSIONAL floor stripper according to label directions.</p>
PRECAUTIONS:	<ol style="list-style-type: none"> 1) Do not dilute. 2) Do not use on surfaces colder than 50° F / 10° C. 3) To avoid contamination, do not return unused finish to original container. 4) Not intended for use on wood.

Specifications

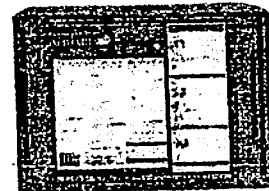
Dilution:	Ready-to-use
Non-volatile Solids:	20.0%
Drying Time:	Recoat: 40 minutes (under normal conditions)
Shelf Life:	2 years
Slip Resistance:	0.5 minimum (ASTM D2047)
HMIS Hazard Ratings:	
Health	1
Flammability	0
Reactivity	0

Safety Reminder

Please make sure your employees read and understand the product label and Material Safety Data Sheet before using this product. The label contains directions for use, and both the label and MSDS contain hazard warnings, precautionary statements and first aid procedures. MSDS's are available on line at www.johnsondiversey.com or by calling 1-888-352-2249.

Packaging

PACK / SIZE	PRODUCT CODE
1 / 5 Gallon Envirobox	4117724



**Johnson wax
PROFESSIONAL**

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For further information on special applications or other Johnson Wax Professional products contact your JohnsonDiversey representative at 1-800-555-2332 or visit our web site at www.johnsondiversey.com

CUSTODIAL GREEN CLEANING EQUIPMENT POLICY

Purpose – To use custodial equipment that maximizes effective reduction of building contaminates with minimum environmental impact.

Custodial equipment used in Green Buildings will meet the following requirements:

- ★ Vacuum cleaner must meet the requirements of the Carpet and Rug Institute Green Label Program and will be capable of capturing 96% of particulates 0.3 microm in size and operate with a sound level less than 70 dBA.
- ★ Hot water extraction equipment for deep cleaning carpets will be capable of removing sufficient moisture so that carpet will dry in less than 24 hours.
- ★ Powered custodial equipment including floor buffers, burnishers and automatic scrubbers will be equipped with vacuum, guards and/or other devices for capturing fine particles and shall operate with a sound level less than 70 dBA.
- ★ Propane-powered floor equipment will have high-efficiency, low emission engines.
- ★ Automated scrubbing machines will be equipped with variable-speed feed pumps to optimize the use of cleaning fluids.
- ★ Battery-powered equipment will be equipped with environmentally preferable gel batteries.
- ★ Where appropriate, active microfiber technology will be used to reduce chemical consumption and prolong life of disposable scrubbing pads.
- ★ Powered equipment will be ergonomically designed to minimize vibration, noise and user fatigue.
- ★ Equipment will have rubber bumpers to reduce potential damage to building surfaces.
- ★ An equipment log will be maintained for all powered custodial equipment, which will document date of purchase, and all repairs and maintenance activities, to include vendor specification sheets for each item in the logbook.

CUSTODIAL SUSTAINABLE CLEANING PRODUCTS & MATERIALS

Purpose – Reduce the environmental impact of cleaning products, disposable custodial paper products and trash bags

Requirements:

All cleaning products used in Green Buildings will meet the Green Seal GS-37 standard if applicable, or if GS-37 is not applicable (e.g. for products such as carpet cleaner, floor finisher or stripper), use products that comply with the California Code of Regulations maximum allowable VOC levels.

Disposable custodial paper products and trash bags used in Green Buildings will meet the minimum requirements of US EPA's comprehensive Procurement Guidelines (see Att. 1).

When purchasing materials or supplies, they must meet one or more of the specified sustainability criteria.



U.S. Environmental Protection Agency Comprehensive Procurement Guidelines

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[EPA Home](#) > [Wastes](#) > [Comprehensive Procurement Guidelines](#) > [Products](#) > [Sanitary Tissue](#)

- Home
- About CPG/RMAN
- Products
- Background
- Related Links
- Buy Recycled News
- Product Fact Sheets
- Supplier Database
- Propose a Product

Commercial paper and paper products Sanitary Tissue

Sanitary tissue products include bathroom and facial tissue, paper towels, napkins, and general-purpose industrial wipers. They are generally sold in rolls or sheets and are used in personal care, food service, and cleaning applications. The grades of sanitary tissue products covered in the CPG are manufactured for use by restaurants, hotels, schools, government agencies, and other similar commercial and institutional buyers. Some recycled-content sanitary tissue products are softer, stronger, and more absorbent than others.

- [Recommended Recovered Materials Content Ranges](#)
- [Product Information](#)

EPA's Recommended Recovered Fiber Content Levels for Commercial/Industrial Sanitary Tissue Products

Item	Postconsumer Fiber (%)	Recovered Fiber (%)
Bathroom Tissue	20-60	20-100
Paper Towels	40-60	40-100
Paper Napkins	30-60	30-100
Facial Tissue	10-15	10-100
General Purpose Industrial Wipers	40	40-100

NOTE: The content levels should be read as X% recovered fiber, including Y% postconsumer fiber and not as X% recovered fiber plus Y% postconsumer fiber.

Product Information:

Database of Manufacturers and Suppliers

This database identifies manufacturers and suppliers of commercial/industrial sanitary tissue products containing recovered fiber.

GSA Advantage! [\[EXIT disclaimer >\]](#)

Sanitary tissue products can be ordered through the General Service Administration's (GSA's) online ordering system. In addition, GSA publishes various supply catalogues, guides, and schedules for recycled-content products available through the Federal Supply Service.

UNLV Facilities Management Integrated Pest Management Program

Since July 2004, the UNLV Facilities Management Department has employed an Integrated Pest Management Program as its primary methodology for controlling pests on a daily basis. Even in rare instances when a more aggressive method is needed, FM exercises restraint, securing facility occupant permission and using only the bare minimum to get the job done. Integrated Pest Management compliance is also mandated in every RFP that FM lets for new pest management service contracts.

FM's philosophy is that insects are good and serve a major purpose in our society. We also believe that people and insects can harmoniously co-exist and that you can never permanently eliminate pests (nor would you want to), you can only control where they go. This is the basis for the treatment methods we insist upon.

FM pest vendors use a number of natural deterrents to control where insects go. These can include things like powders that have a scent insects don't like, to the use of cut lemons to keep bees from sensitive areas such as the pre-school. Our overall goal is to stop bugs from coming into facilities in the first place and our vendors do a number of things to accomplish this. First, they use baits, set traps, and employ natural barriers to keep insect movement to a minimum. Next, they work with the UNLV Grounds and structural staff to help insure branches and shrubbery are not allowing easy pathways to facilities, that overgrown vegetation is pruned, that irrigation water does not pond, and that small holes and cracks are repaired and filled as needed. Finally, they may employ the use of natural predators such as Preying Mantis and other friendly insects to control the more troublesome ones.

Our pest vendors also communicate pest control issues with FM staff and facility occupants. Such communications discuss keeping eating areas clean, using food containers with lids, and keeping lids on trash receptacles. They also help educate the public on the types of insects they can expect to see during certain times of the year and what they can do to keep them at bay. One of the methods they advocate is the use of Windex or other ammonia-based cleaners to remove ant trail scents. This offers an immediate solution for facility occupants to temporarily address last minute issues, helps prevent ants from returning to previous locations, and the solution is harmless to people and the environment.

Our pest vendors also assist UNLV with controlling pigeon populations. This is done via a number of environmentally friendly methods including the installation of exclusion barriers, using predatory sound systems, and baiting to temporarily sterilize the birds and keep them from over propagating. We also encourage the campus community to clean up food scraps after themselves and to not feed the birds.

UNLV's Integrated Pest Management Program works and allows the campus community to reap the benefits of the insect world while keeping them where they belong. It complies with all green and LEED guidelines, helps keep the campus safe, and provides a healthy work and educational environment for all.