

# Clean & Green

April 17, 2008  
Lane Community College



**Sustainable Earth®**  
COASTWIDE LABS · CORPORATE EXPRESS

Presented by  
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Sales Representative



“Using resources in a manner that allows future generations to have the same resources we have Now”



1 Georgia Pacific Enmotion roll towel (800'x10")  
equals 7 multifold packets (250 towels)

1 Georgia Pacific Coreless toilet tissue (1500 sheets)  
equals 3 rolls of normal (500 sheets)

1 GoJo "Green Seal" foam hand soap cartridge (1250 ml)  
equals 7 box type cartridges (800ml)

1 low density 33x40 liner (2.0ml) costs .27 cents  
32.2 lbs. per case

1 high density 33x40 liner (22mic) costs .12 cents  
18.8 lbs. per case

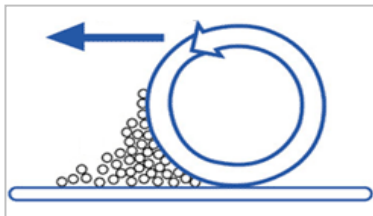
# Environmental Impact Calculator

		GP	GP		%	
	<u>UOM</u>	<u>Folded Towel</u>	<u>EnMotion</u>	<u>Savings</u>	<u>Reduction</u>	<u>Basis / Assumption</u>
Use Volume	Cases/yr	5,000	2,287	2,713		From cost comparison
Cases per Truckload	Cases/TL	1,960	1,350	610		Based on SKUs 20204 and 89460
<b>Truckloads to ship</b>	TL / year	2.6	1.7		34%	cases sold / cases per TL
<b>Distance driven</b>	Miles	2,551	1,694	857	34%	avg 1000 miles / TL
<b>Diesel fuel consumed</b>	Gallons	425	282	143	34%	avg 6 MPG per GP Transportation (used in fuel surcharge agreements)
<b>CO2 emissions from shipping</b>	Pounds	9,418	6,254	<b>3,163</b>	34%	per EPA: 22.15# / gallon
Case weight	Pounds	19.05	29.37			
<b>Total product weight</b>	Pounds	95,250	67,170	28,080	29%	Volume * case weight
<b>CO2 emissions from manufacturing</b>	Pounds	137,255	96,792	<b>40,463</b>	29%	Avg: 2,882# / ton of paper product

# Microfiber Advantage

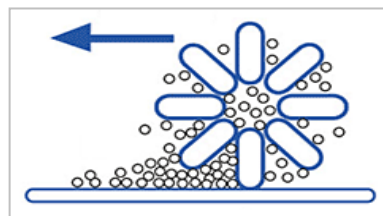
A **Newell Rubbermaid** Company

## Traditional Mop Fiber

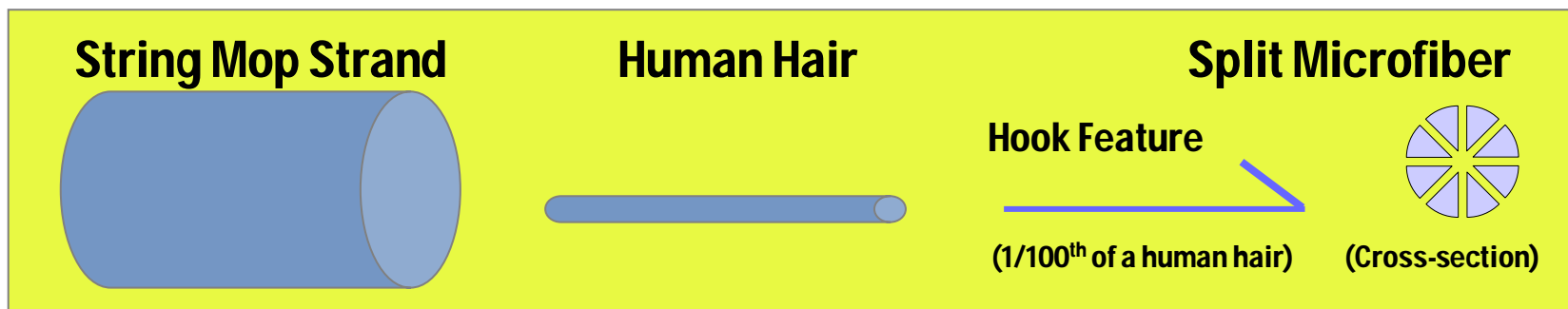


- Thick cotton and rayon fibers tend to push the dirt around
- No hooks or pores available to pick up dust, bacteria & mold spores
- *Unsplit microfiber may also perform this way!*

## Split Blended Microfiber



- Spaces around split microfiber strands trap dirt and bacteria
- Hooks trap and retain dust, bacteria & mold spores
- Superior cleaning performance!



Hook feature on split microfiber traps dirt, bacteria and mold spores- the fibers get into microscopic crevices in the surface being cleaned

# Carpet Cleaning Equipment



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Carpet cleaning equipment that cleans more efficiently uses less water and chemicals. Carpets don't need to be cleaned as frequently.

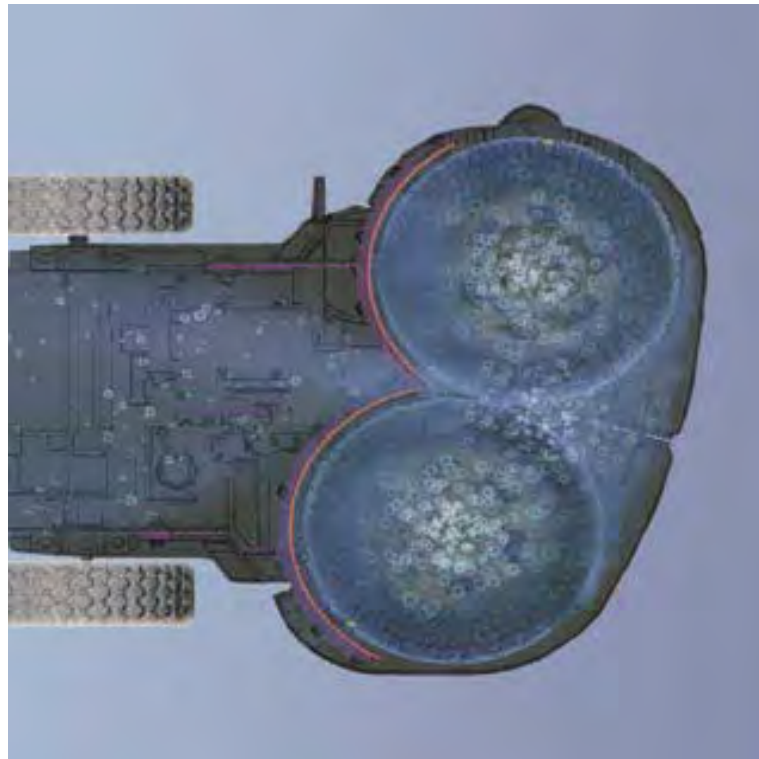


# Automatic Floor Scrubbers



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Windsor's Aquamiser uses 50% less water and chemical than other automatic scrubbing machines.



# Dilution Control



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Studies have shown that without dilution control 50% of your chemicals go down the drain, wasted.





## II. INGREDIENT INFORMATION,

(Simple Green)



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**The only ingredient of Simple Green® with established exposure limits is undiluted 2-butoxyethanol (<6%) (Butyl Cellosolve; CAS No. 111-76-2): the OSHA PEL and ACGIH TLV is 25 ppm (skin).**

Note, however, that Butyl Cellosolve is only one of the raw material ingredients that undergo processing and dilution during the manufacture of Simple Green®. Upon completion of the manufacturing process, Simple Green® does not possess the occupational health risks associated with exposure to undiluted Butyl Cellosolve. Verification of this is contained in the independent test results detailed under “Toxicological Information” on Page 3 of this MSDS. **The Butyl Cellosolve in Simple Green® is part of a chemical category (glycol ethers) regulated by the Emergency Planning and Community Right-to-Know Act (SARA, Title III, section 313); therefore, a reporting requirement exists.**



- **Concentration**

How concentrated is the solution you are using?

- **Exposure Rate**

How long are you exposed to the chemical?

Do you use it once a month or daily?



## **Green Seal**

An independent non profit organization.

They set the standard, test based on that standard, and certify the product.

## **EPA, DfE**

A testing process the EPA uses to determine if the raw materials in a product are Designed for the Environment.

They use their in staff Chemist to evaluate the ingredients.

## **SEGC114**

A conglomerate of existing standards brought together and built around the environment and worker safety.

Chemicals tested and certified by an independent outside third party.

Very stringent criteria.

# There are two ways to meet Green Seal



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1. Is to take your existing product line and adjust the formula so it meets the Green Seal standard. Usually when something is taken out the performance of that product suffers. Most manufactures use this processes.
2. Is to start from scratch. You have to build the product from the ground up using new and different technology. This usually takes highly skilled chemists with extensive backgrounds. This is what Coastwide has done.

# The Coastwide Four P's



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## **Performance**

Cleans as well or better than leading national brands of conventional products.

## **People**

Meets the highest international and domestic standards for health and safety.

## **Planet**

Based on sound science, independently tested and third party certified to comply with the strictest environmental standards.

## **Price**

Priced competitively with the leading national brands of conventional products.

# Hydrogen Peroxide

## The Environmentally Friendly Oxidizer



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### **Chemical Formula and Decomposition**

- Hydrogen peroxide is an oxidizing agent with the formula  $H_2O_2$ . (An oxidizing agent is a chemical that donates oxygen to another material.) Breakdown products of hydrogen peroxide are water and oxygen, which makes it “greener” than others.

# "We clean to have a healthy environment"



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## **In order to have a healthy environment we need to:**

1. Remove the germs.
2. Remove the source of food for the germs, soil or dirt and organics.
3. Kill any germs that might be left behind on all touchable surfaces.

# #66 Disinfectant

- It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
- Developed as a "Disinfectant Only", this product has no cleaning ability.
- When diluted properly you can spray this on any surface and it will not leave a film.
- No rinsing is required
- Contains no phosphates to reduce pollution of waterways.
- KILLS HIV-1, HBV and HCV on pre-cleaned environmental surfaces/objects. Meets the requirements of the Bloodborne Pathogens program.
- One Gallon of concentrated Coastwide SE 66™ makes 186 gallons of ready-to-use disinfectant, (992 trigger sprayers).



# SE Restroom Cleaning Procedures



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1. Dust mop floor.
2. Spray Sustainable Earth #70 Washtub Tile & Tile Cleaner on sinks, urinals, and toilets (including outside and base of toilet).
3. Refill tissue, towel, and soap dispensers as needed.
4. Empty trash.
5. Spray and wipe glass, walls, partitions, etc. using Sustainable Earth #64 Neutral Cleaner.

# SE Restroom Cleaning Procedures



Sustainable Earth®

6. Rinse and/or wipe Sustainable Earth #70 Washtub Tile & Tile Cleaner off sinks, urinals, and toilets (including outside and base of toilet).
7. In a fine mist, spray and wipe a light film of Sustainable Earth #66 Disinfectant onto all touchable surfaces (handles, flushers, tissue, towel, soap dispensers, door knobs, and sanitary napkin receptacles, toilet seats).  
Sustainable Earth #66 Disinfectant is one of the most effective and safest disinfectants available. It is a “disinfectant only” that was developed to be sprayed onto a surface and let dry. Sustainable Earth #66 Disinfectant will not leave a film or residue when dry.
8. Damp mop floor using Sustainable Earth #64 Neutral Cleaner.



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Thank you.



**Corporate  
Express®**

Productivity in your hands.



**COASTWIDE**  
LABORATORIES  
*Solutions for Industrial and Commercial Cleaning*

Productivity in your hands.