Green Hardware Supplies







Alicia Culver
Responsible Purchasing Network

RPN Webinar September 10, 2014





RPN

Largest nonprofit network of purchasing agents and sustainability professionals

- States
- Local governments
- Federal agencies
- Colleges and universities
- School districts
- Businesses
- Non-profits







RPN's Mission

Promote and practice responsible purchasing by identifying best practices, developing effective purchasing tools, educating the market, and using our collective purchasing power to maximize environmental stewardship, protect human health, and support local and global sustainability.





RPN Resources

Green Purchasing Best Practices: Architectural Paints and Coatings



- Hands-on technical Assistance
- Sustainable purchasing policies
- **Model specifications**
- Webinars
- Cooperative purchasing contracts
- Model Responsible Purchasing Report
- Calculators and other tools











Have a Question?

Submit you questions by typing them into the Questions Box in your GoToWebinar application.

We will compile and answer them during the Q&A session at the end of the webinar.





RPN's Green Hardware Supplies Project Partners















Presenters







• **Jeff Rehm**. Sr. Manager of Corporate Facilities & Global Sustainability, *Grainger*



• Melissa Puchalla, Director of Product Compliance, *Fastenal*



 Alicia Culver, Executive Director, *Responsible Purchasing Network* (Moderator)





POLLING QUESTION #1

What type of "green" hardware supplies are you MOST interested in buying more of in the future?

VOTE NOW





Examples of Green Hardware Supplies

- Energy-efficient HVAC and Lighting Equipment, Appliances, etc.
- Water-conserving Plumbing Fixtures and Irrigation Equipment
- Low-toxicity Cleaners, Paints, Hand Soaps, Deicers, Floor Polish, Lubricants and Other Building Maintenance Chemicals
- Solar-powered Generators and Equipment
- Rechargeable Batteries
- Building Materials That are Certified Low-Emitting and/or Made of Sustainable Wood or Recycled Content
- Recycled-content Trash Bags and Janitorial Paper Products
- Recycling Containers and Systems







Multi-Attribute Certifications for Green Cleaning Products







 Cleaning chemicals, floor maintenance products (polish & stripper) and hand soaps/sanitizer (Green Seal, UL EcoLogo or EPA's Design for Environment)

Janitorial Paper Products

(Green Seal, UL EcoLogo)





Green Seal Criteria for Institutional Cleaners (GS-37)

- Low toxicity
- No cancer-causing ingredients
- No asthmagens
- Not corrosive to eyes or skin or skin sensitizer
- Won't pollute air or deplete ozone layer
- Won't kill fish
- Low phosphorous

- Will biodegrade
- Package recyclable
- Available as concentrate
- Limits on fragrances used
- Certain ingredients prohibited
- Performance tested
- Vendor training available





Green Hardware Supplies



Green Certifications for Paint

- Multi-attribute certifications for latex paints
 - ✓ Green Seal
 - ✓ UL EcoLogo
 - ✓ Master Painters Institute Extreme Green (X-Green)







- Single-attribute certification for specialty paints and coatings
 - ✓ MPI Green Performance Standards 1 & 2
- Certifications address performance







Single Attribute Certifications









- BPI Certified (Compostable)
- FSC Certified (Sustainable Wood)
- SCS Indoor Advantage (Low-emitting)



- UL GREENGUARD (Low-emitting)
- USDA Biobased Certified

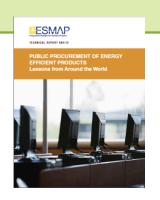






ENERGY STAR

Equipment



Appliances: washers, dryers, dishwashers, refrigerators

Heating and cooling equipment: furnaces, boilers, air conditioners, fans, water heaters

Lighting equipment: CFLs, LEDs, Fixtures.

Miscellaneous: food service equipment, water coolers, vending machines, battery charging systems, windows and roofing products

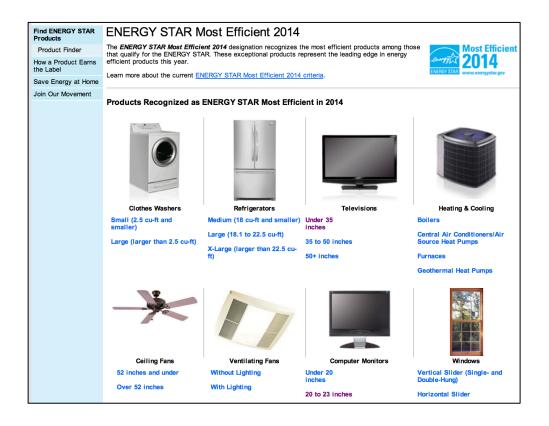




Go to www.energystar.gov to find certified products.



ENERGY STAR Most Efficient







ENERGY STAR-Certified LED Lamps



Energy-efficient

- Use 75% less energy than incandescent lamps
- Most are dimmable

Long life (≥25,000 hours rated life)



- 15X longer than incandescent lamps
- 2-3X longer than CFLs

Mercury-free

• Qualified list: www.energystar.gov







High Efficiency Ballasts and Linear Fluorescent Lamps

• Consortium for Energy Efficiency (CEE) Qualified http://library.cee1.org/content/commercial-lighting-qualifying-products-lists



Commercial Lighting Qualifying Product Lists

June 2014 32W Lamps & Ballasts 855 KB

June 2014 28W & 25W Lamps & Ballasts 854 KB

NEMA Premium Efficiency (Ballasts Only)

https://www.nema.org/Policy/Documents/nema-premium-electronic-ballast-program.pdf

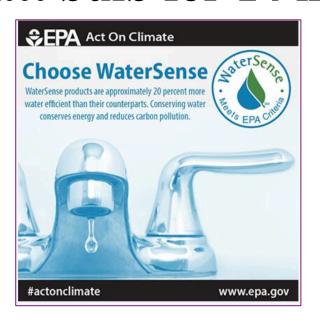






Water Conservation Products Save Energy and \$

Running hot water for 5 minutes = 60 watt bulb for 14 hours







Single Attribute Standards







- EPA Compliant (Meet Recycled Content Guidelines)
- RoHS Compliant (Free of lead and other hazardous substances)
- SCAQMD/CARB Compliant (Low VOCs)





POLLING QUESTION #2

What is the most important thing MRO vendors can do to make it easier for you to buy "green" hardware supplies?

VOTE NOW





Best Practice:

Choose Vendors Based on Sustainability Questionnaire

- Sustainable Product Offering & Labeling
- Sustainable Product Training Experience
- Corporate Environmental Policy & Practices
- Contract Outreach Experience & Plan
- Sustainable Packaging & Delivery Practices
- "Green Spend" Reporting & Analysis
- Product Recycling Services





Save Time by Requiring Suppliers to...

- Accurately label their certified green products
- Conduct training and outreach



- Provide "green" spend reports
- Calculate environmental benefits/cost savings of purchasing their green products





Green Procurement Strategies

- Negotiate all green contract(s)
- Add green products to your market basket list
- Block products with chemicals of concern (that can cause cancer, asthma, etc.)



- Block products without certifications or other verified environmental/health benefits
- Promote green products on your contract
- Track and report environmental/health benefits





WSCA-NASPO Price Agreements for Facilities MRO Products

Facilities MRO (NV) w5-2011

http://www.aboutwsca.org/contract.cfm/ contract/w5-2011

(Expiration date: 2/28/17)

BASIC CONTACT INFORMATION - LEAD STATE

States where there is at least one signed Participating Addendum



Lead State: Nevada

Lead State Contract Number: 1862

Contact person: Gail Burchett

Phone: (775) 684-0172

Fax: (775) 684-0188

Email: gburchett@admin.nv.gov

LINK TO LEAD STATE WEBSITE

http://purchasing.state.nv.us/WSCA_Industrial/WSCAMRO.htm





RPN Green MRO Resources

WSCA-NASPO Fact Sheet

Buying Green Products on WSCA-NASPO's MRO Contract with Fastenal





WSCA Contact
Gail Burchett, Purchasing Division
Nevada Department of Administration
Tel: (775) 684-0172
gburchett@admin.nv.gov

<u>Fastenal Contact</u> Melissa <u>Puchalla</u> Director of Product Compliance

Tel: (507) 453-8981 mpuchall@fastenal.com

NASPO-WSCA Fact Sheet

Buying Green Products on WSCA's MRO Contract with Grainger



WSCA Contact
Gail Burchett, Purchasing Division
Nevada Department of Administration
Tel: (775) 684-0172
character admin any gay.



Grainger Contacts
Doug D'Alessio
Senior Government Sales Manager
Tel: (916) 503-0229
Doug.M.D'Alessio@grainger.com
www.grainger.com

Jeff Rehm Corporate Sustainability Manager Tel: (847) 535-0844 Jeffrey Rehm@grainger.com

WSCA-NASPO Fact Sheet Buying Green Products on WSCA-NASPO's MRO Contract with MSC



WSCA Contact
Gail Burchett,
Purchasing Division
Nevada Department of Administration
Tel: (775) 684-0172
gburchett@admin.nv.gov



MSC Contact
Glenn Spetta
Sr. Manager Environmental Safety & Health
Tel: (516) 812-1109
spettag@mscdirect.com

RPN Green Hardware Supplies Fact Sheets

www.responsiblepurchasing.
org/resources/
green_hardware_supplies_fa
ct_sheets/index.php





Questions? Comments?



Alicia Culver

Executive Director

Responsible Purchasing Network

alicia@responsiblepurchasing.org

510-547-5475





MSC - Eco-Friendly

Supplying green choices today



Introductions & Agenda

Introductions

- Michael Roth Director, eCommerce
- David Ottenstein Sr. State Government Team Manager
- Elizabeth Flores Western Region WSCA Account Manager
- Glenn Spetta Sr. Manager, Corporate Environmental Compliance

Agenda

- Overview of Program
- Review of Eco-Friendly Categories
- Review mscdirect.com Functionality & Resources
- Questions?



Going Green Made Easy

MSC has made it easy for you and your organization to **go green!** To benefit your future, we've identified the items that can help protect the environment and, at the same time, reduce your costs.



Look for the eco-friendly icon while shopping MSC to find environmentally friendly products.



Eco-Friendly Product Categories









Green Cleaners and Fluids

Recycled Products

Energy Conservation

Water Conservation



NEMA® Premium



Energy Star®



Renewable Energy Source



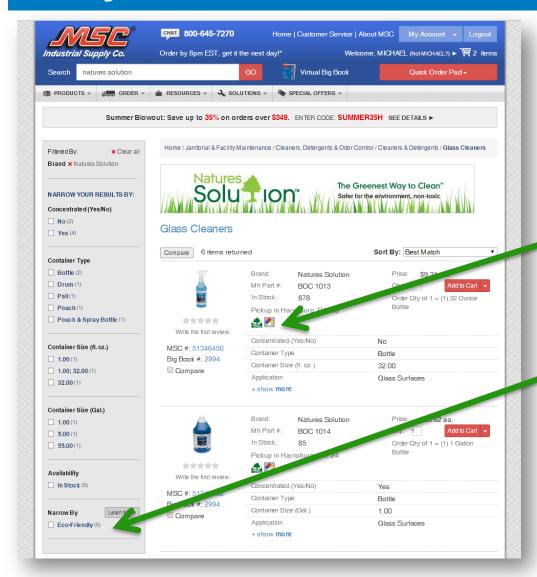
Greenhouse Gas Free



Low VOC



Keyword Search Results

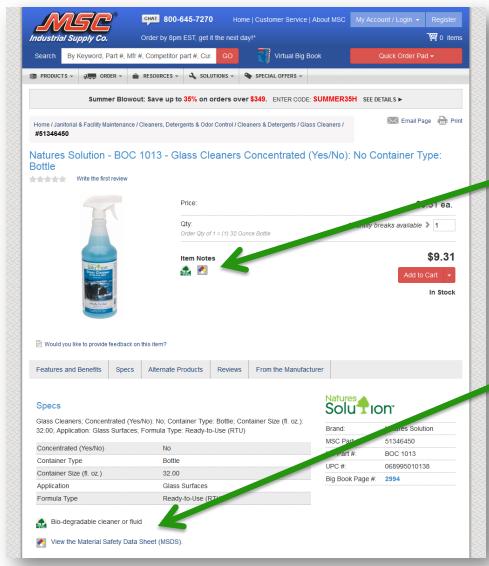


Eco-Friendly Icons & SDS

Filter by Eco-Friendly



Product Detail Pages

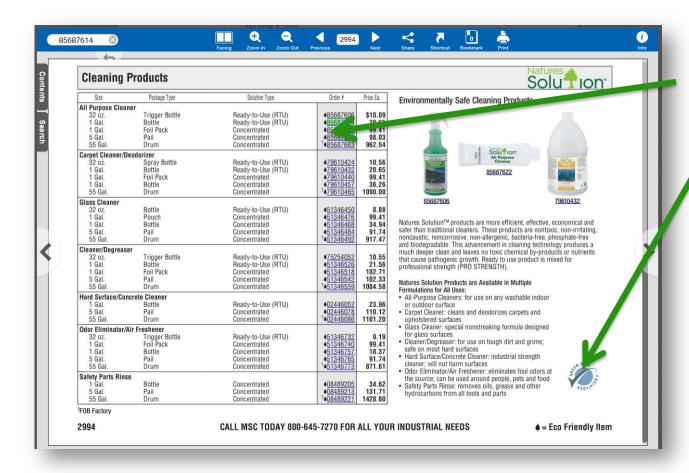


Eco-Friendly Icons & SDS

Eco-Friendly Descriptions



Virtual Catalog



Eco-Friendly Icons



Other Resources

http://www.mscdirect.com/resources/eco-friendly-supplies





Questions? Comments?









Manage. Conserve. Save. Grainger Sustainability Offer

Jeff Rehm, Sr. Manager Corporate Facilities and Global Sustainability

Grainger Sustainability Offer

Product



Partnerships



Resources

 More than 33K environmentally preferable products



- Dedicated Supplier Resources
- Assessments, Audits, Services
- Professional Associations (AEE; LEED)
- ULe: Product Auditing

- Grainger Consulting
- Cleaning ProgramManagers (LEED GA)
- Grainger Lighting Services
- Reporting
- Cross-referencing

Grainger Sustainability Offer Pillars

Manage Energy



Measure use, control effectiveness & output, & reduce consumption of energy

Electrical

Lighting & Controls

HVAC/R

Steam

Compressed Air

Conserve Water



Monitor use, filter impurities, recycle & reduce consumption at point of use, behind the wall, and outdoors

Pumps, Valves

Fittings

Meters

Fixtures

Plumbing Equipment

Filters

Reduce Waste



Facilitate recycling & decrease landfill expansion through biodegradable & recycled content

Recycling Equipment

Paper & Packaging

Sorbents

Biodegradable

Chemical Free

Indoor Air Quality



Create cleaner air within facilities through lower VOCs, filtration, & natural products

Cleaners

Air Filters

Cleaning Equipment

Office Products

Low/No VOC

Paints/Coatings

Sustainability Product Offer Validation

- + 33K products that meet...
 - **√** 23 Green Certifications or Other Recognitions

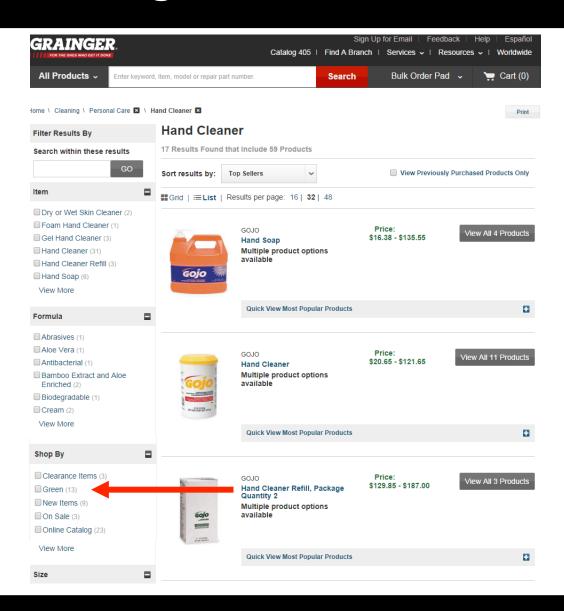


- **✓ 44 Green Environmental Attributes**
- ...Under advice and review of third party expert, ULe

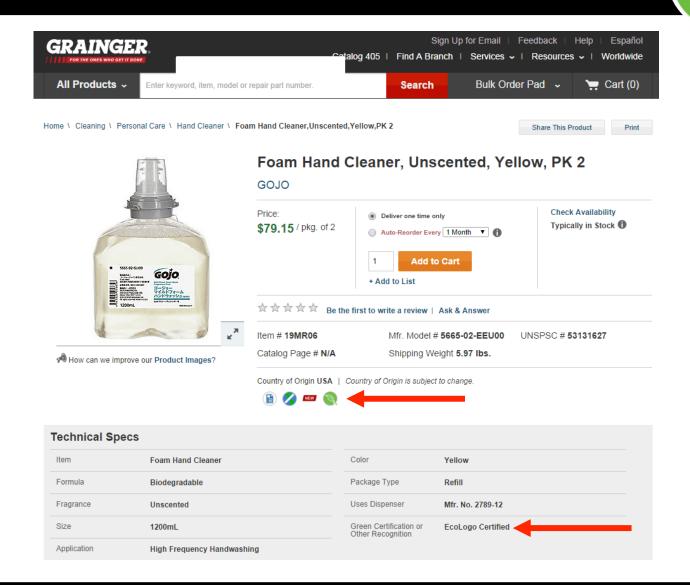


Finding Greener Products



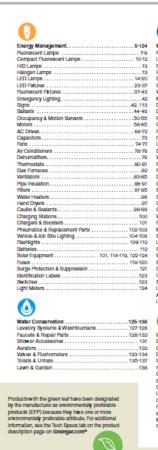


Finding Greener Products



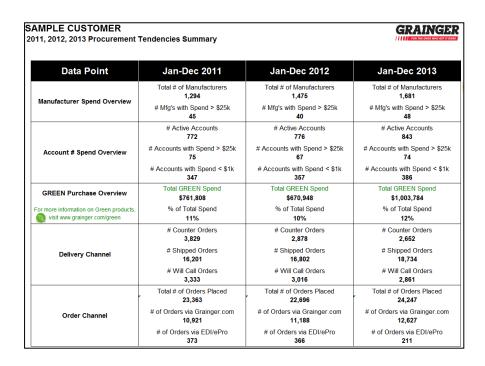
Grainger Sustainability E- Catalog





Nation Reduction	Waste Deduction		199.000	
Indian				
Recycling Kills 191 Franci Cisarans & Sanitizms. 191 Shampoo & Body Wash. 192-193 Sopp. 192-193 Sopp. 192-193 Sopp. 192-193 Mypors 193, 190 Militipurpose Cicarans 194-190, 193 Prain Cisarans & Maritshman 194-190, 193 Prain Cisarans & Maritshman 195, 192 Pragra & Upholatory Cisarans 197 Farper & Uphol				٠.
Infant Casinaria a Marianamia 1504, 161/62, 2006 Para Filterinaviaria 1504, 161/62, 2006 Para Filterinaviaria 1507, 1606 1506				
Infant Casinaria a Marianamia 1504, 161/62, 2006 Para Filterinaviaria 1504, 161/62, 2006 Para Filterinaviaria 1507, 1606 1506	Hand Cleaners & Sa	itizors	152	В
Infant Casinaria a Marianamia 1504, 161/62, 2006 Para Filterinaviaria 1504, 161/62, 2006 Para Filterinaviaria 1507, 1606 1506				
Infant Casinaria a Marianamia 1504, 161/62, 2006 Para Filterinaviaria 1504, 161/62, 2006 Para Filterinaviaria 1507, 1606 1506	Soap		. 152-153	3
Infant Casinaria a Marianamia 1504, 161/62, 2006 Para Filterinaviaria 1504, 161/62, 2006 Para Filterinaviaria 1507, 1606 1506				
Degressors 158, 161-162, 206	Drain Cleaners & Ma	ntainers	155, 162	ı
Carpot & Upholstery Clearons 108 Polish 108-109 Cliss Clearor 109 Cliss Cliss 109 Cliss	Dogreasors	156, 161	162, 206	
Total	Paint Removers		157	
Glass Clanari 100				
Scouring Patis. 164 NAI/Dust Morps 164-168 Floor Machine Patis 167 Floor Stephen 168 Floor Stephen 179 Floor Stephen 180				
Floor Machino Fluids				Г
Paper Products 169-71 Paper Products 169-71 Paper Steppines 179-179 Pager Step	Wet/Dust Mops		.164-166	Γ.
Disposable Plates & Cups. 171 Disposable Plates & Cups. 172 Signs 172, 109-100 Signies 172-178 Signs 172, 109-100 Signies 172-178 Signs 172, 109-100 Sitrage Blazes. 178-100 Disco Firmfullum 179-179 Disco Firmfullum 179-179 Disco Firmfullum 179-179 Disco Firmfullum 179-179 Disco Firmfullum 180-180 Hatforms 180-181 Matting 181-183 Shakving 183-184 Lockiest. 180-188 Matting 183-184 Lockiest. 180-188 Matting 183-184 Lockiest. 180-188 Matting 183-184 Lockiest 180-188 Matting 180-188 Discoverable Firm 180-188 Discoverable Firm 190-190 Discoverable Firm 190-190 Discoverable Firmfullum 191-190 Discoverable				
Difficult Significult				Г
Signs 172, 103-100 Signs Blazes 172, 103-100 Signs Blazes 172-178 Diffice Furniture 177-178 Diffice Furniture 179-178 Diffice Furniture 179-178 Diffice Furniture 179-178 Diffice Furniture 180-179-180 Harborns 180-180 Harborns 181-180 Harborns 181-180 Harborns 181-180 Harborns 181-180 Harborns 181-180 Harborns 180-180 Diffice Furniture 180-180 Harborns 180-180 Laboratorns 190-190 Diffice Furniture 190-190 Diffice Furniture 180-180 Diffice Furniture 190-180 Diffice Furniture 190-180 Diffice Course 214 Diffice Course 215 Diffice Course 216 Diffice Course 3 Diffice Course 216 Diffice Course 3 Diffice Course 3				Γ.
Straggs Bloom. 798				
DROS Furniture TP0-178 DROS Furniture TP0-178 TP0-178				
Mondamorhos 190	Office Furniture		. 177-178	
Pations				
Matting				
Shaking				
Index Inde				
Wall Storage Systems 169				
Shipping 190-1900 Contraction Film 1900 Contraction Contraction 1900 Contraction Contrac				
Derinturion Film 190				
Lociaud Daviores 101-192 (1981) Control 200-201				
Licrocarta & Oils				
Automotive Equipment	Spill Control		.200-201	
Javin & Cardon				
Indoor Air Quality				
Degressors 211-212	Lawn & Garden		208	
Degressors 211-212				
Degressors 211-212	CiA .			
Degressors 211-212				
Senoral Purpose Cleanors 911914, 920 Delincharis 6 Sanithum 913 Spociaty Cleanors 913 Spociaty Cleanors 914 Siles Cleanors 915 Selection 915 Selection 915 Selection 915 Selection 915 Selection 915 Selection 916 Selecti				
Distributaris & Saniltum 918	Dogroasors		. 211-212	
Spocialty Cleaners 913	General Purpose Cle	aners	214, 225	
Picor Care	Specialty Cleaners	240	213	
Silas Cicanors				
Caulies, Adhesives, Gluse & Sesiants 216-217 Lubricants 218 Dils & Grasso 219 Floor Costings 290 Interior Paints 290-291	Glass Cleaners		215	
ubricants .218 Dis & Grease .210 Foor Coatings .290 ntorior Paints .290-221				
Dils & Grease				
Floor Coatings				
ntarior Paints				
Paint Removers	Marking Tools		222	

EP Product Purchase Reporting



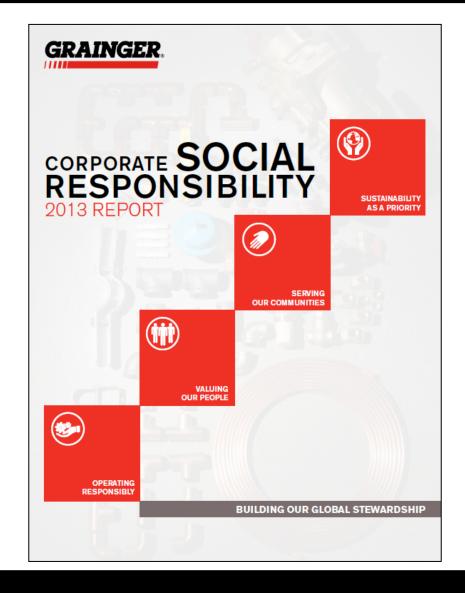
PLE , 2012, 2013 Procurement Tenden	GRAINGER		
Data Point	Jan-Dec 2011	Jan-Dec 2012	Jan-Dec 2013
	Total Item Purchases \$6,717,900	Total Item Purchases \$6,612,218	Total Item Purchases \$8,077,401
Total Purchases	Grainger.com Purchases \$3,238,875	Grainger.com Purchases \$3,208,040	Grainger.com Purchase \$3,458,113
	EDI/ePro Purchases \$159,426	EDI/ePro Purchases \$110,487	EDI/ePro Purchases \$62,515
Active Account Numbers	# of Active Accounts 772	# of Active Accounts 776	# of Active Accounts 843
# of Orders Placed to Grainger	#of Orders	# of Orders	# of Orders
" or oracle raced to oraniger	23,363	22,696	24,247
Items Purchase Overview	# of Unique Items 24,614	#of Unique Items 24,939	#of Unique Items 25,550
For more information on Green products, visit www.grainger.com/green	# GREEN Items Purchased 906	# GREEN Items Purchased 987	# GREEN Items Purchase 1100

 Cross referencing reports/services are also available to help convert from non-EP items to EP alternatives.

Corporate Social Responsibility











Sustainability As A Priority





- In 2008, Grainger became <u>the first</u> MRO Distributor to use the LEED Green Building Rating System
- Today, Grainger has 16 LEED certified facilities in the U.S., Canada & Mexico



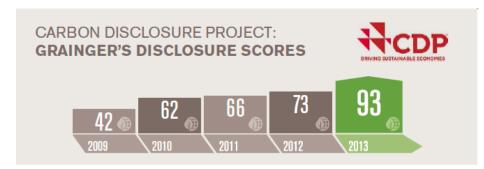
 In 2009, Grainger became <u>the first</u> MRO distributor to be recognized by the Environmental Protection Agency as an EPA SmartWay Transport Partner



• In 2011, Grainger became <u>the first</u> MRO Distributor to publicly disclose our Greenhouse Gas emission through the Carbon Disclosure Project

Sustainability As A Priority









Questions?

For more information about how Grainger can help you procure more environmentally preferable products, please visit:

grainger.com/green

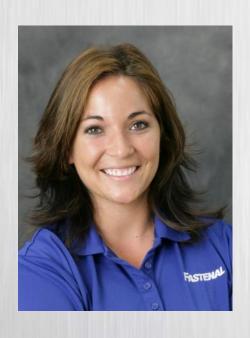
For more information about Grainger's commitment to social responsibility, including environmental sustainability, please visit:

graingercsr.com

THANK YOU

Questions? Comments?





Melissa Puchalla Director of Product Compliance Fastenal

Melissa Puchalla mpuchall@fastenal.com



Green Products & Resources



Growth Through Customer Service...

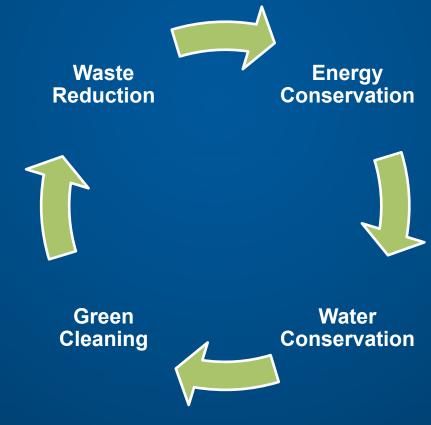
FASTENAL







When it comes to protecting the environment, we all have a role to play. The decisions we all make every day will determine what kind of world we live in and future generations inherit.







Certified

Many of our green products have been certified or recognized by third party organizations that evaluate or set the standards for products with environmental benefits. Some of the key organizations are shown below; see full list on Fastenal.com – Resources – Green.



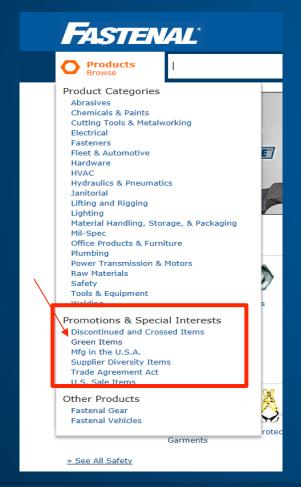
Non-Certified

Although not certified by a third party, these products offer environmental benefits according to information provided by the supplier. We offer this designation because third-party certifications don't exist for all green products and categories. Examples of non-certified green products include those that reduce energy consumption, have low or no-VOCs, or may be made from recycled content, in some cases meeting EPA standards.





Fastenal.com



Search for Green Products multiple ways!

1. Hover over PRODUCTS and go to GREEN ITEMS

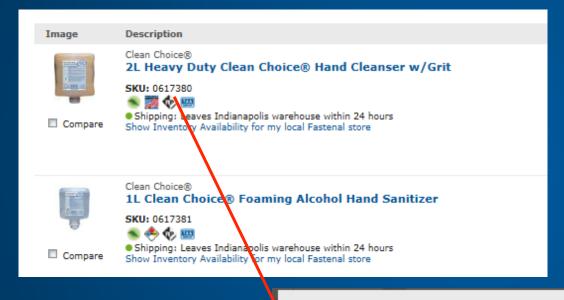
2. Click on PRODUCTS and view Green Items to the LEFT of any search for options







Fastenal.com Continued



3. List view of products shows compliance icons for comparisons

**Click on the ICONS to view CERTIFICATIONS applicable

Compliance



Green:



- EcoLogo
- USDA BioPreferred



TAA Compliant:

This item is Trade Agreement Act, 52.225-5, compliant. Origin is subject to change.



Restricted Product:

This product is restricted for sale or use in the following areas:

Canada Mexico Panama







This item is manufactured in the United States of America.

Fastenal.com Resources





GREEN PRODUCTS





Shop for green products, learn about our lighting & recycling programs, and read our internal green policy statement.

Resources -Green to find numerous ideas of HOW TO GO **GREEN** with Fastenal!





Keyword, Part Number or X-Ref













Home > Green > Green Resources

Green Resources

When it comes to protecting the environment, we all have a role to play. The decisions we all make every day will determine what kind of world we live in and future

If you're trying to make a difference, Fastenal can help. View our green product solutions, learn about our recycling programs, and read tips to conserve energy and keep toxins out of the environment.

The term "environmentally preferable" describes products or services that have a lesser or reduced effect on human health and the environment versus competing

own. Our goal is to identify environmentally preferred products and provide supporting details, so our customers can decide which products will help them work towards their green or sustainability initiatives. The products in our green offering promote sustainability through energy conservation, green cleaning and

offerings that serve the same purpose. All of the environmentally preferable products on fastenal.com are identified with the designation of "green" and the green leaf symbol displayed to the right. This symbol indicates green products that are either third-party certified or non-certified, but it does not represent a certification of its

Learn more about what Fastenal is doing to promote sustainability. Read our Green Policy Statement.



What are Green Products?







Liahtina Legislation



GREEN PRODUCT GUIDE

Searching for **Green Products**

Do you know how easy it is to find green products on

Click Here to Learn Now

Fastenal Renortina

maintenance, waste reduction and water conservation. Certified Green Products

Many of our products have been certified or recognized by organizations that evaluate and set standards for products with environmental benefits. For more information about these organizations and their certification processes, please click on the logos below:

















Green Seal

Design for the

Fool ogo 13

Sales, Rebates & Catalogs

Services

Resources

About Us

ers He



Keyword, Part Number or X-Ref









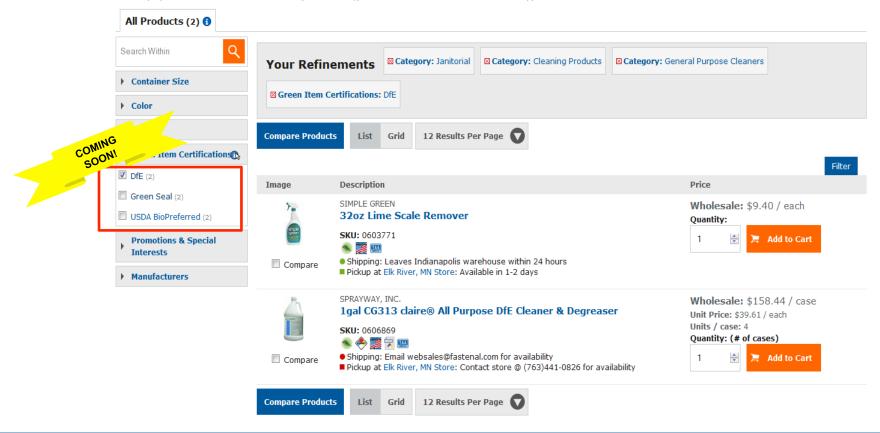
Home > All Products > Janitorial > Cleaning Products > General Purpose Cleaners



General Purpose Cleaners

By Popular Demand - Search by Certification

General purpose cleaners are used to clean multiple different types of surfaces and can be used in various applications.







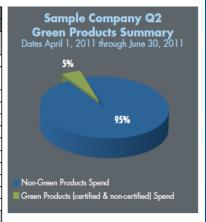
Customized Reporting & Advocacy



Sustainability:

We recognize that the same companies, organizations or consumers asking for small business programs are also aware of the need for a more sustainable environment. Fastenal offers a broad range of green products, which are classified as certified (by a third-party organization) or non-certified (environmentally preferred). The products offered in this program contribute to sustainability through Water Conservation, Energy Conservation, Waste Reduction and Green Cleaning. The summary shown below contains examples of products purchased through local Fastenal stores by certification.

Sample Company Green Products Q2 Summary						
Dates April 1, 2011 through June 30, 2011						
Category	Spend	% of Total				
		Spend				
Environmentally Preferred	\$7,231	3.33%				
Leadership in Energy & Environmental Design	\$1,996	0.92%				
(LEED)						
Green Seal	\$952	0.44%				
ENERGY STAR	\$259	0.12%				
Ecologo	\$213	0.10%				
GREENGUARD	\$201	0.09%				
Design for Environment (DfE)	\$165	0.08%				
UL Environment Certified	\$112	0.05%				
Sustainable Forestry Initiative (SFI)	\$96	0.04%				
Forest Stewardship Council Certified (FSC)	\$78	0.04%				
Carpet & Rug Institute Seal of Approval (CRI)	\$55	0.03%				
USDA BioPreferred	\$52	0.02%				
Sample Company Total Q2 Spend (Incl. Large Businesses)	\$216,916	5.26%				



Fastenal requires supporting documentation from all manufacturers with green product claims. Below is an example of the information Fastenal can provide identifying green product spend by department/division, as well as the sustainable characteristics of each product purchased.

Division/Location	Fastenal Part	Green Certification	Qty. Shipped	Spend
Customer Distribution Center	0612025	Dfe	5	\$783.00
Customer Corporate Office	0600145	Ecologo	72	\$621.00

- Fastenal Part 0612025 (Stainless Steel Cleaner Soy 5 gallon pail) is made with only 100% sustainable, plant-based ingredients and is free of petrochemcials, dyes, synthetic perfumes, formaldyhyde, 1.4-Dioxane.
- Fastenal Part 0600145 (800' BrwnPprTwl Roll) may contribute to LEED Credits, is EPA compliant, is made of 100% recycled, 50% post consumer waste and is EcoLogo certified.

We take green as seriously as you do when it comes to the level of advocacy we will offer within this focus area.

- Report only
- Report w/ alternatives
- Trade shows, on-site evaluations w/ local store/key suppliers/end users
- Marketing pieces





Presented by:
Melissa Puchalla, Director of Product Compliance
mpuchall@Fastenal.com or gogreen@Fastenal.com

THANK YOU

WE ARE WHERE YOU ARE.

Questions? Comments?

