



# BUCKEYE ECO® PROPORTIONING PROGRAMME

# Buckeye Eco<sup>®</sup> Proportioning Programme

Achieve the best overall value for each pound spent with the fully integrated Eco Proportioning Programme, designed and manufactured with proprietary technology with you, the end-user, in mind. Effective, safer, economically and ecologically friendly chemistry; hermetically sealed, flexible and sustainable packaging; together with a simplistic approach to proportioning to protect and preserve your environment.

Buckeye International is committed to providing the most innovative, high performance and cost-effective products, packaging and programmes that promote human health and safety. Our Eco 1.25 L bags are manufactured with 83% less plastic than similar sized rigid containers. Because Eco products work more efficiently and their packaging is recyclable and biodegradable, you use less product and less waste ends up in landfills.

Buckeye is committed to manufacturing safer products for the worker and environment, and equally committed to uncompromised product performance. Higher concentrated Eco products outperform other green products as well as non-green, conventional chemistries.

# Eco Proportioning Systems

## Compact

Install Eco systems in virtually any custodial closet and maximise storage space.

## Self-Contained

No contact with concentrated product and no exposed tubing.

## Cohesive User Interface & Experience

Eco Pro, Element, and Edge utilise the same user interface including system operation, labelling, icons, and seamless push and lock buttons.

## User Designated Lock

Choose between hidden and keyed integrated lock options.

## Translucent Buckets

Visual product inspection ensures product is always available.

## ASSE 1055-2018 B

Safer proportioning without the concern for back-flow or siphoning.

## Antimicrobial-Infused Discharge Tubing and Hoses

Eco Pro, Element, and Edge have antimicrobial-infused discharge tubing and hoses to prevent the growth of mold and mildew.



946 mL Eco trigger spray bottles included for dispensing diluted product.

## Eco Pro®



Designed for broad spectrum cleaning, dilute for up to six different applications.

**4 low flow fills at 1.25 gpm**  
**2 high flow fills at 5 gpm**  
**1 water only fill at 5 gpm**

## Eco Element®



Designed for remote, satellite and focused applications, dilute for up to three different applications.

**2 low flow fills at 1.25 gpm**  
**1 high flow fill at 5 gpm**

## Eco Edge®



Designed for remote, satellite and focused applications, dilute for up to three different applications.

**1 low flow fill at 1.25 gpm**  
**2 high flow fills at 5 gpm**

# Eco Packaging



## Eco 1.25 L bags

Hermetically sealed to ensure no contamination.

Flexible to eliminate product waste, delivering a 99% evacuation rate.

Manufactured with 83% less plastic than rigid containers.

New metering plug in every bag ensures no tip clogging and highly accurate dilution.

Spill proof to prevent contact with concentrated product.

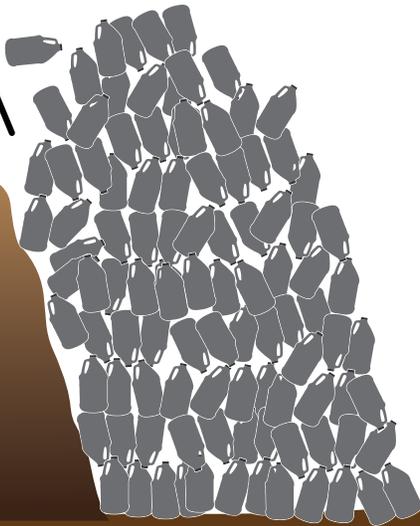
Compact size for easy transport and storage.

Over the past year, our customers prevented 28 tons of plastic from unnecessarily entering landfills by choosing Eco instead of competitive systems with rigid containers.

1 Gallon Round Jug takes up

**118.5X**

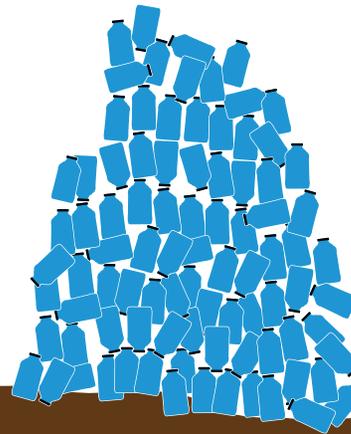
more landfill space



Competitor A takes up

**80.4X**

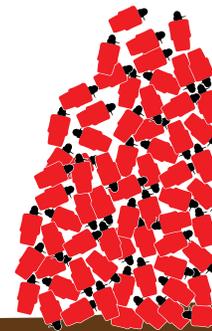
more landfill space



Competitor B takes up

**71.5X**

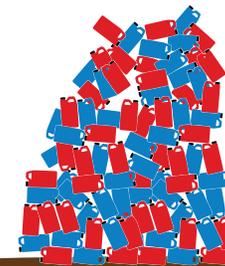
more landfill space



Competitor C takes up

**67.2X**

more landfill space



Eco 1.25 L bag **weighs 83% less** than rigid containers of similar size



### Competitive empty product containers vs. empty Eco product bags

1 Gallon Round Jug  
= 248 in<sup>3</sup>

Competitor A (2.5 L)  
= 168.9 in<sup>3</sup>

Competitor B (2 L)  
= 142.9 in<sup>3</sup>

Competitor C (2 L)  
= 141.2 in<sup>3</sup>

Eco bag (1.25 L)  
= 2.1 in<sup>3</sup>

Amount of landfill space taken up by empty product containers (in cubic inches)\*

\* Volume of space taken up by empty cartridges determined by water displacement testing.

# Eco Outer Box Packaging

Recyclable, double wall corrugated



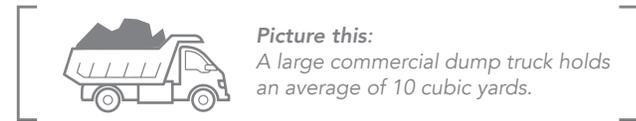
# Eco Bag

**Bag:** Light-weight, flexible bag reducing material vs rigid packaging

**Fitment:** HDPE + LDPE (can be recycled together)  
50% 50%

According to the Recycled Paperboard Technical Association, recycling one ton of paper would:

- Save enough energy to power the average home for 18 months
- Save 26, 497 litres of water
- Save 3.3 cubic yards of landfill space
- Reduce greenhouse gas emissions by one metric ton of carbon equivalent (MTCE)



**Picture this:**  
A large commercial dump truck holds an average of 10 cubic yards.

# Eco Inner Carton Packaging



**100% recycled paperboard**  
50% less energy than virgin grades of paper board  
Trees are saved  
More CO<sub>2</sub> is sequestered

**35% post-consumer material**  
Diverted from waste stream at the end of its intended lifecycle

► Over the past year, based on the above recycling information, Buckeye:

Saved enough energy to power an average home for 57 years



Saved 125.4 cubic yards of landfill space



Saved 1,006,920 litres of water



Reduced greenhouse gas emissions by 38 tons of carbon equivalent

Sources:  
"About Recycled Paperboard." <https://www.rpta.org/recycled/index.cfm>

"Buying and Hauling Materials by the Cubic Yard." <https://www.todayshomeowner.com/buying-materials-by-the-cubic-yard-faq/>

# Eco Products

PRODUCT NAMES	APPLICATIONS	PACKAGING	GREEN SEAL® CERTIFIED	UL LISTED	OTHER
<b>Buckeye Eco E11 All-Purpose Cleaner</b>				●	
<b>Buckeye Eco E12/S12 Glass Cleaner HD</b>					
<b>Buckeye Eco E13 Multi-Purpose Glass Cleaner</b>					
<b>Buckeye Eco E14 Muscle Cleaner</b>					
<b>Buckeye Eco E15/S15 Hydrogen Peroxide Cleaner</b>				●	
<b>Buckeye Eco E16 Acid Cleaner</b>					
<b>Buckeye Eco E17 Tub, Tile and Bowl Cleaner</b>					
<i>Product Reorder Number</i> <b>Buckeye Eco E22 One-Step Disinfectant</b>				●	
<i>Product Reorder Number</i> <b>Buckeye Eco E23/S23 Neutral Disinfectant</b>				●	
<b>Buckeye Eco E31/S31 pH Neutral Cleaner</b>				●	
<b>Buckeye Eco E32/S32 Floor Cleaner Fragrance-Free</b>				●	Also part of the Buckeye Reflections® Wood Floor Programme

PRODUCT NAMES	APPLICATIONS	PACKAGING	GREEN SEAL CERTIFIED	UL LISTED	OTHER
<b>Buckeye Eco E33 Floor Cleaner</b>				●	Also part of the Buckeye Reflections® Wood Floor Programme
<b>Buckeye Eco E41 Odor Eliminator</b>					
<b>Buckeye Eco E42 Odor Counteractant</b>					
<b>Buckeye Eco E51 Carpet Spotter</b>					WOOL SAFE
<b>Buckeye Eco E52 Extraction Cleaner</b>					WOOL SAFE
<b>Buckeye Eco E61 Heavy-Duty Cleaner</b>				●	NSF REGISTERED
<i>Product Reorder Number</i> <b>Buckeye Eco E62 Sanitizer</b>					NSF REGISTERED

\* 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.

\*\* 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. Acute toxicity and skin/eye damage met requirements at the as-used dilution, as specified for closed dilution systems. GreenSeal.org.

\*\*\* 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. Eye damage met requirements at the as-used dilution, as specified for closed dilution systems. GreenSeal.org.



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For more information  
about Buckeye Eco,  
scan this code.