

Sustainability In Action



BUNZL **BCHS**
Cleaning & Hygiene Supplies

| Introduction

Many of the world's leading companies are setting targets to become more sustainable. To help our customers reach those targets, we are innovating the way that the products we supply are designed and produced, and introducing more sustainable alternatives to market.





CO₂ Reduction

- **Carbon Forecast**, a BCHS Sustainable Solution, enables you to see the carbon footprint associated with deliveries from us. We can work together to review your ordering profile and find ways to consolidate your deliveries, producing less emissions and helping to lower our carbon footprint.
- By selecting Cleanline concentrates or soluble cleaning solutions we can get more product to you in a smaller package, which helps to reduce transport emissions.
- In 2020, our Scope 1 and 2 carbon emissions were 2,480 tonnes CO₂, which is a **fall of 8.8%** from the previous year.
- Ask your local BCHS Account Manager about **Carbon Offset**. This Sustainable Solution is there to account for emissions we can't yet remove by conditionally offsetting customer delivery emissions following a commitment to create smart ordering profiles, and encourages a long term commitment to improve our operational efficiency, reducing our Scope 1 and 2 emissions.





Sustainable Paper Hygiene

- Several Pristine paper products include recycled content and the majority will be manufactured using **FSC®** and **PEFC™** accredited sources from early 2021, promoting more sustainable forest management.
- Kimberley-Clark are working towards a **50% reduction** in their use of natural forest fibre by 2025, having made a 31% reduction so far. They are also increasing their use of recycled and alternative fibres from FSC® certified sources.
- With the redesigned Tork Coreless Toilet Tissue you can minimise waste by **82%** and your carbon footprint by 11%.
- Pristine is committed to moving to fully recyclable packaging options and will include waste disposal instructions for inner and outer cartons.





Low Hazard Cleaning

- Our Cleanline Eco product range offers cleaning solutions that are **low hazard** when used at the recommended dilution and are safer for life on land and below water.
- BCHS offers an expanding range of plant, bacterial and enzyme-based cleaning solutions. This enables you to use cleaning solutions that pose a minimal threat to life on land and water whilst still being highly effective in use. Many of these products use completely organic or biodegradable ingredients, giving you peace of mind to clean sites safely without the risks of hazard classifications.
- Odorbac Tec4, a revolutionary cleaning product, uses **100% organic ingredients** that are environmentally friendly, ecologically friendly, child and pet safe, non-toxic, non-irritant and biodegradable.





Plastic Reduction

- Where possible, Cleanline chemical containers are made of at least 25% to 40% recycled plastic and are all 100% recyclable.
- Our Cleanline ready-to-use 750ml cleaning products offer trigger spray products with 100% recycled bottles. These bottles are made from 100% recycled material and are 100% recyclable.
- Using concentrate or soluble cleaning products reduces the number of plastic bottles used overall.

Alternative	Equivalent	Plastic Saving
5 litre hand soap	10 x 500ml hand-pump bottles	0.14kg
5 litre RTU chemical	6.6 x 750ml trigger spray bottles	0.4kg
1 box soluble sachets	20 x 750ml trigger spray bottles	1.25kg
5 litre super concentrate	500 x 750ml trigger spray bottles	33kg



A Quick Guide To Plastic Recycling

It would be great if plastics just had a simple code for “yes, recycle this” or “no, trash it.” Unfortunately, it’s just not that simple.



Polyethylene Terephthalate



High-Density Polyethylene

Recycling centres have the equipment to process these plastics. Plenty of manufacturers are willing to buy them.



Polyvinyl Chloride



Low-Density Polyethylene



Polypropylene

Becoming more commonly accepted as technology improves and as the market for these plastics grows.



Polystyrene



Other

Difficult to recycle these plastics into other products. In some cases, it is just not economically feasible to do so.

Widely recycled, less costly to comply with legislation, less likely to be banned

Limited recycling, more costly to comply with legislation, more likely to be banned

Plastic Recycling Image Guide



| Materials Guide

Reusable

Reusable products can be used multiple times before they reach the end of their useful life. At that time, they may also be able to be recycled into other products.

Pros and Cons

- Reusable products can be used multiple times.
- Reusable products can be a sustainable option if the energy and resources used to manufacture and clean them are not excessive.
- Studies show that reusable products have to be used on average between 15 and 200 times before they benefit the environment.

Recyclable

Recyclable products are made from materials that can be recycled into other products. If the new products are more valuable than the products used to make them, the process is known as upcycling. (e.g. clothing made from recyclable beverage and water bottles). If the products are less valuable than the products used to make them, the process is known as downcycling. (e.g. bathroom tissue made from used office paper).

Pros and Cons

- The majority of plastic is recyclable, but not all plastics are widely collected.
- In residential recycling, councils decide whether a product is recyclable based on appearance rather than material. For example, in some councils plastic bottles are collected but food trays of the same material are not.



| Materials Guide

Biodegradable

“Biodegradable” materials have been made from renewable resources and, in a natural environment, will eventually break down until they can be consumed by microorganisms (bacteria, fungi, algae etc.).

Pros and Cons

- A product labelled “biodegradable” does not mean that it meets composting standards.
- Biodegradable materials are generally not accepted at commercial composting facilities and will not break down in a landfill site due to insufficient oxygen levels.

Compostable

Compostable materials break down completely in a specific amount of time, under specific conditions. They leave no visible, distinguishable or toxic residue.

Pros and Cons

- Compostable products will NOT break down completely in a landfill site due to insufficient oxygen levels and produce harmful greenhouse gases.
- Industrial composting facilities that are able to accept compostable packaging materials are not yet widely available across the UK.
- Packaging certified to BS EN 13432 is an acceptable input material to commercial composting systems.

Oxo-biodegradable

Plastics that break down due to a combination of physical and bacterial activity are called oxo-biodegradable.

Pros and Cons

- Research has shown that oxo-biodegradable plastics only break down into small fragments of plastic that may contribute to the problem of aquatic and marine plastic pollution.
- Oxo-biodegradable plastics are formed by mixing an additive into the plastic material that enables a chemical reaction to occur for the material to break down under the right conditions.

|What You Can Do

Reduce

- Use public transport, walk, cycle or car share when you can to help improve air quality, traffic congestion and reduce emissions
- Shop local and buy seasonal produce to help reduce the 1.3 billion tonnes of food wasted every year and cut down food miles
- Swapping clothes with friends or shopping second hand saves you money, extends an item's life & refreshes your wardrobe
 - The fashion industry is responsible for 20% of global wastewater production
- Try out some vegetarian and vegan recipes or introduce a '**Meat Free Monday**'
 - Buy British - Beef production is the largest driver of tropical rainforest deforestation
 - Choose Chicken - production requires 20% of the land and produces 10% of the greenhouse gas emissions of beef production
- **Save electricity** by turning off lights and unplugging electronics you're not using
 - Lighting accounts for 15% of global power consumption
 - Households consume 30% of global energy
- Take shorter showers and turn off the tap while brushing your teeth to **save water**

Reuse

- **Bring your own bag, bottle, cup or straw**
 - On average, a plastic bag is only used for 12 minutes before being discarded
 - 1 million plastic bottles are purchased every minute, adding to over 300 million tonnes of plastic waste a year

Recycle

- **Separate your recyclables** and general waste to save resources and divert waste from landfill
 - It takes the same amount of energy to make one new aluminium can as it does to produce 20





Community Action

- In 2020, we managed to **raise £12,738** in funds and **donate £25,800** of stock including toilet rolls, hand towels, sanitiser, masks, gloves and hand soap for Emmaus' communities.
- Every BCHS employee is advocated to take one day's paid leave to volunteer for a cause of their choice.

£153,379

Total donations over our 2 year partnership,
including generous support from our suppliers.



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