

**Green Cleaning:** Moving Towards a Sustainable Three Pillar Solution: Redefining MAR Facilities Management's Approach to Cleaning Chemicals by offering choice.



**MAR Facilities Management**  
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FACILITIES MANAGEMENT



In response to the pressing need for environmental sustainability and our own green agenda, MAR Facilities Management is committed to reducing our reliance on single-use plastics and promoting eco-friendly alternatives in our operations. This white paper outlines three sustainable options that our organisation is increasingly implementing as part of our ongoing efforts to our clients:

Super concentrated labelled paper pouches, Bio hygiene enzyme plant-based chemicals, and water-based cleaning solutions such as Clean Zero from 2San. By adopting these alternatives, we aim to minimise carbon footprint, enhance storage efficiency, and promote cleaner and healthier environments for our clients.

#### **1. Super Concentrated chemical in Labelled Paper Pouches:**

To reduce the bulk amount of transportation of premixed cleaning chemicals, MAR Facilities Management is introducing highly concentrated labelled paper pouches. These pouches contain soluble chemicals that can be conveniently diluted with water on client sites. By eliminating the unnecessary transport of bulk quantities of premixed chemicals, we are significantly reducing carbon emissions resulting from transportation. This eco-friendly approach also minimises packaging waste, as the paper pouches are made from sustainable materials and can be easily recycled.

#### **Advantages:**

- 1. Reduced carbon footprint due to minimised transportation of premixed chemicals.**
- 2. Decreased packaging waste using recyclable materials.**
- 3. Effective and Efficient Cleaning:** Highly concentrated labelled sol Pak paper chemical pouches are designed to provide maximum cleaning power. Their concentrated formulas ensure that even lesser amounts of the cleaning solution can effectively clean a large surface area or remove stubborn stains and grime.
- 4. Easy to Use:** The sol Pak paper chemical pouches are pre-measured and designed for easy and convenient use. Simply tear open the pouch and mix the contents with water, and you have a ready-to-use cleaning solution. This eliminates the need for measuring or diluting the chemicals, saving time and effort.
- 5. Improved Safety:** sol Pak paper chemical pouches come with clear and visible labels, indicating the contents and appropriate usage guidelines. This helps ensure that the cleaning chemicals are used safely and correctly, minimising the risk of accidents or misuse.
- 6. Space and Storage Efficiency on Client Sites:** The concentrated nature of sol Pak papers chemical pouches allows for compact and space-saving



storage for longer periods of time. Since a small amount of the product can be diluted with water to create a larger volume of cleaning solution, there is no need to store bulky containers or excessive amounts of chemicals.

7. **Cost-Effective:** Highly concentrated sol Pak paper and chemical pouches can provide significant cost savings overall. Because a small amount of the product goes a long way, it reduces the need to constantly purchase or restock enormous quantities of cleaning solutions. Additionally, the pre-measured pouches eliminate wastage, ensuring that the right amount of cleaner is used for each cleaning task.
8. **Environmentally Friendly:** sol Pak paper chemical pouches are designed to be eco-friendly. By using highly concentrated formulas, these products minimise packaging waste and reduce the overall environmental impact associated with transporting, storing, and disposing of cleaning chemicals.

## **2. Bio Hygiene -Enzyme Plant-Based Chemicals:**

MAR Facilities Management recognises the importance of transitioning to more sustainable cleaning solutions. As part of this commitment, we are introducing a wider range of Bio hygiene enzyme plant-based chemicals. These chemicals are derived from natural sources and use enzymes to effectively clean and disinfect surfaces. By employing a biodegradable and non-toxic formula, these products significantly reduce the negative environmental impacts associated with traditional chemical cleaners.

### **Advantages:**

1. **Reduced reliance on synthetic chemicals and harmful additives**
2. **Enhanced cleanliness and disinfection using natural enzyme-based ingredients.**
3. **Improved indoor air quality from harmful volatiles and reduced health risks for clients and employees.**
4. **Biodegradable formula minimises environmental harm and water pollution.**

5. **Superior cleaning performance:** Bio-hygiene enzyme plant-based cleaning chemicals are highly effective in removing dirt, grime, stains, and grease from surfaces. They have powerful enzymatic properties that break down organic matter and eliminate tough stains, resulting in a cleaner and fresher environment in commercial settings.
6. **Environmentally friendly:** These cleaning chemicals are derived from plant-based sources, making them a sustainable and eco-friendly alternative to traditional chemical cleaners. They are biodegradable, non-toxic, and do not harm the environment or release harmful fumes or residues into the air or waterways.
7. **Safe for users:** Bio-hygiene enzyme plant-based cleaning chemicals are safe for use by employees and customers in commercial settings. They do not contain harsh chemicals, toxic substances, or irritants that could cause allergies or skin sensitivities. This ensures the health and well-being of everyone involved.
8. **Odour elimination:** These cleaning chemicals can neutralise and eliminate unpleasant odours, leaving behind a fresh and clean scent. This is particularly beneficial in commercial settings, such as restaurants, hotels, and offices, where maintaining a pleasant environment is crucial for customer satisfaction and employee productivity.
9. **Cost-effective:** While bio-hygiene enzyme plant-based cleaning chemicals may have a slightly higher upfront cost compared to traditional chemical cleaners, they offer long-term cost savings. They require less product to achieve the same cleaning results as chemical cleaners, reducing the frequency of purchasing and replenishing supplies. Additionally, they can help extend the lifespan of surfaces, equipment, and furniture by preventing damage caused by harsh chemicals.
10. **Commitment to sustainability:** Using bio-hygiene enzyme plant-based cleaning chemicals in a commercial setting demonstrates a commitment to sustainability and corporate social responsibility. This can enhance a company's reputation and attract



environmentally conscious customers, employees, and business partners.

### 3. Water-Based Cleaning Solutions: Clean Zero from 2San:

MAR Facilities Management understands the importance of utilising water resources responsibly. To achieve this, we are proud to introduce Clean Zero from 2San, a revolutionary water-based cleaning solution. Clean Zero undergoes a meticulous seven-step process of micro filtration, reverse osmosis and hydro embellishment, transforming water into an effective cleaning agent. This innovative technology ensures that grime and dirt particles are captured and easily removed, eliminating the need for harsh chemicals while still delivering outstanding cleaning results.

#### Advantages:

1. **Reduces reliance on traditional chemicals, minimising health risks and environmental impact.**
2. **Hospital grade levels of sanitation and food safe**
3. **Uses a sustainable water purification process, making efficient use of water resources.**
4. **Excellent cleaning performance without compromising safety or quality.**
5. **Contributes to water conservation efforts by minimising water wastage.**

6. **Powerful Cleaning Performance:** Clean Zero -hydro embellished water by 2San is specially formulated to provide excellent cleaning results. It contains unique hydro embellished water technology that enables it to effectively break down dirt, grime, and stains on various surfaces, leaving them sparkling clean.
7. **Environmentally Friendly:** Unlike traditional cleaning products that are often filled with harsh chemicals, Clean Zero -hydro embellished water by 2San is completely safe for the environment. It is biodegradable, meaning it breaks down easily without causing harm to ecosystems. Using this product promotes sustainability and reduces the carbon footprint of your commercial facility.
8. **Safety for Users:** Clean Zero -hydro embellished water by 2San is also non-toxic and non-irritating, making it safe for your cleaning staff to use. It lacks harmful chemicals like bleach, ammonia, and phosphates that can cause respiratory issues and skin irritations. This reduces the risk of accidents, allergic reactions, and overall exposure to harmful substances.
9. **Cost-Effective Solution:** By using Clean Zero -hydro embellished water by 2San, you can potentially save money on cleaning supplies. Its concentrated formula allows for dilution, meaning a little goes a long way. Additionally, since there are no harsh chemicals, it reduces the need for purchasing separate products for different surfaces, making it a cost-effective choice.
10. **Versatility:** Clean Zero -hydro embellished water by 2San is a multi-purpose cleaner suitable for various surfaces, including floors, counter tops, glass, stainless steel, and more. This versatility eliminates the need for multiple specialised cleaning products, simplifying your cleaning routine and streamlining your supply inventory.
11. **Positive Image and Reputation:** Using Clean Zero -hydro embellished water by 2San demonstrates your commitment to health, safety, and the environment. This can enhance your commercial facility's image and reputation among employees,

customers, and other stakeholders. It shows that you prioritize sustainability and care about the well-being of your surroundings.

#### **Conclusion:**

MAR Facilities Management is committed to taking active steps towards sustainability in our operations. Through the implementation of highly concentrated labelled paper pouches, bio hygiene enzyme plant-based chemicals, and water-based cleaning solutions like Clean Zero from 2San, we aim to reduce our carbon footprint and promote environmentally conscious practices. By providing our clients and customers with a range of sustainable options, we are confident in our ability to create cleaner, healthier spaces while protecting the planet for future generations.



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