



EVANS VANODINE SUSTAINABILITY



WHAT IS SUSTAINABILITY?

“ **Development that meets the needs of the present without compromising the ability of future generations to meet their own needs.** ”

Bruntland Report for the World Commission on Environment and Development (1992)

Evans Vanodine International PLC is a responsible family-owned company which understands the importance of helping to protect the environment, whilst continuing to manage a successful business.

Our chemicals comply with all the relevant European legislation and we are committed to developing products which provide optimum performance with minimum effect on the environment.

This commitment extends to all areas of our business, encompassing the manufacturing processes, waste management, recycling and energy saving. We have signed up to a scheme set up by our local chambers of commerce, which is aimed at helping businesses improve energy and environmental efficiencies, introduce on site renewable energy generation and reduce their carbon footprint.

All employees are trained and committed to the company's Environmental Policy and we are proud of the commitment made by our entire workforce to help prevent pollution and protect the environment and become a more sustainable business.



**CHAMBER
LOW CARBON**
HELPING BUSINESSES GO GREEN

BSI REGISTRATION

We have upgraded our Environmental Management System, ISO 14001, to the latest standard: 2015. This new standard puts emphasis on the full life cycle of products and gives higher importance to environmental performance monitoring.



GREENTICK LOW IMPACT PRODUCTS

HOW DOES INDUSTRY JUDGE WHETHER A CHEMICAL HAS A HIGH OR LOW IMPACT ON THE ENVIRONMENT?

Every chemical has some impact on the environment. There are many 'green' schemes used in the cleaning industry but none take into account all of the relevant factors. At Evans Vanodine, we have an innovative system for classifying products according to their overall environmental impact. Devised by one of our experienced research chemists, the WEIR system uses a set of seven criteria to analyse its products.

Every janitorial product in the Evans range is analysed using the WEIR system and awarded a score for each of the seven criteria. The lower the overall product score, the lower the impact on the environment. Products which achieve a low impact rating are identified with a green tick WEIR logo on the label.



OPTIMUM PERFORMANCE — MINIMUM IMPACT

One advantage of WEIR is that it enables us to highlight the lowest impact product within each category. This helps users to choose the lowest impact product suitable for their cleaning tasks. Using a low impact product to carry out a cleaning task in the wrong circumstance does not serve the best interest of the environment, therefore it is important to:

- Select the right product for the job.
- Use the recommended dilution rate.
- Dispose of it responsibly.

For more details on WEIR, visit our dedicated environment website:

www.evansgreentick.com



WASTE REDUCTION

As a manufacturing company, using large quantities of resources, producing a certain amount of waste is unavoidable. As part of our continuous improvement programme, however, we look at ways to reduce our waste, from designing new water systems to recycling label backing, in an effort to lower our impact on the environment.

SAVING WATER



▼ 3.0 million litres
reduction in effluent water



As part of our commitment to sustainability, we set our continuous improvement team the task of reducing water usage. We saw that over-cautious cleaning had led to tank and pipeline wash cycles becoming our largest waste area. With help from our transfer operatives, we worked to create a series of optimised wash cycles, to find the minimum water required to clean our tanks and pipelines after each different product group.

Following these improvements, we were able to reduce our effluent water by 3.0 million litres. We continually aim to minimise discharge to sewers and monitor water usage, so we are able to identify areas for ongoing improvement.

CONSUMABLES

As part of our waste management system we recycle many articles used in the day to day operation of the company; batteries, ink cartridges, electrical equipment, maintenance oil and even the cooking oil from our staff canteen. All waste paper, plastic wrap and cardboard is segregated into dedicated skips and collected by appropriate specialist organisations.

LABEL BACKING

We have a system in place where the backing from our label rolls is sent away for recycling. This has proved very successful and diverts a huge amount of silicone backing away from landfill.

In 2018 we recycled 17 tons of silicone coated release paper, equal to a reduction of 34 tons CO2 emissions.



CONFIDENTIAL WASTE

All our confidential waste is collected and recycled by Shred-it, a secure shredding service. This ensures against an information breach of personal and sensitive data and helps us comply with GDPR regulations.

Each year we are sent a certificate showing our volume of paper recycled. In 2018 we saved 153 trees from destruction.



CLIMATE NEUTRAL OFFSET PRINTING

Where possible, a large amount of our marketing material and customer support literature is distributed electronically, to avoid wastage. However, in the instances where we do print brochures and wallcharts, we use a company who participates in a climate neutral printing scheme, as well as climate-neutral shipping, where each order we place is offset by a contribution to a climate protection project.



SOURCING & LIFE CYCLE

As a manufacturer of industrial cleaning and hygiene chemicals, it is necessary for us to use plastic packaging. We purchase our raw materials and packaging from UK sources, where possible, in order to reduce transportation emissions. We work closely with our suppliers in order to minimise our effect on the environment.



**UK SOURCED
BOTTLES AND
CONTAINERS**



**FULLY RECYCLABLE
BOTTLES AND
SPRAY HEADS**



**65-80% RECYCLED
MATERIAL IN OUR
CARTONS**



**BIODEGRADABLE
SURFACTANTS**



**25% RECYCLED
MATERIAL IN OUR
500 ML BOTTLES**

RECYCLABLE / BIODEGRADABLE

We are often asked if our products are 100% recyclable or 100% biodegradable. There are several components that go into a finished product and each component part must be described separately:

- All surfactants comply with EU regulations on biodegradability and protection of the environment.
- All our bottles are recyclable*.
- The spray heads on our 750 ml spray bottles are recyclable*.
- Our 500 ml handwash bottles are now made with 25% recycled material.
- Our cardboard cartons are recyclable*, compostible and biodegradable and are made from between 65-80% recycled content.

We try to use recycled material where possible but there is a balancing act as the structural integrity of the packaging can be reduced. It is harder to use more recycled material in bottles that are used to package and transport chemicals. There are also UN regulations regarding use of recycled content for certain products. We continue to work with our packaging suppliers to ensure that they contain as much recycled material as possible, as technology develops and regulation changes.

*Please check local recycling

BUILDINGS

As well as existing systems we have in place, during our premises refurbishment and extension, we built in a variety of new environmental measures, to ensure our factory and offices are run in the most efficient manner, helping to lessen our impact on the planet.



Combined heating/air conditioning units are used in the main office block, allowing for more efficient temperature control.



New laboratory ventilation systems to reduce heating/cooling loads; heat exchangers transfer heat from extracted stale air to the incoming fresh air supply.



All rooms use high-efficiency LED lighting, fitted with motion sensors, to avoid unnecessary power wastage.



Infrared motion sensors are installed in our toilets to prevent excessive water consumption and reduce potential damage caused by water leaks.



Our factory entrances have automatic, electric roller doors, with see-through thermal strips, keeping heat loss to a minimum, whilst allowing fork trucks to work safely.



Our fleet of company cars includes an increasing number of plug-in hybrid electric vehicles and our newly refurbished car park now has charging points.





EVANS VANODINE

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