



Minimising the Impact of Cleaning Products on the Environment



Evans Vanodine
GLOBAL HYGIENE SOLUTIONS



PlanetMark



THE QUEEN'S AWARDS
FOR ENTERPRISE
INTERNATIONAL TRADE
2020

Who are Evans Vanodine?

1919 to 2022



The impact of cleaning products on the environment

- How do you judge whether a product has high or low impact?
- As well as the products themselves, what else should you consider in terms of sustainability?
- Greenwashing.
- Education
- Future Focus.

The impact of cleaning products on the environment

- There are many different schemes and accreditations within the cleaning and hygiene sector, such as Ecolabel and Nordic Swan, as well as companies who have created their own.
- Information on the in-house schemes should be clear and explain why the products are judged to have a low impact.
- All chemical products have an impact on the environment, even water can be detrimental. The key is to choose the correct product for the task at hand.

Environmental Impact Rating – Evans GreenTick



Product Selection

- **Selecting the correct product for the application** is more important than selecting an environmentally rated product.
- Using the wrong product for the 'right' reason can have the opposite effect and could be detrimental to the environment and the operator.
- Select **concentrates over ready to use (RTU) products**. Diluted correctly these have an advantage of a lower carbon footprint per application.
- Always request the **Microbiological profile**, detailing the approved EN test standard data to back up the efficacy and validity of the marketing claims on disinfectants and new technologies.
 - *Useful reference on the HSE website:
Only the HSE can authorise biocidal products in the UK. Any statement that the biocide is endorsed by another regulatory body or organisation is not relevant and does not override the requirements of the Regulation in the UK.
Biocidal Products authorised outside the UK, are not automatically authorised for use in the UK*

Other Sustainability Considerations

- One litre of Evans Super Concentrate can dilute into 100 trigger sprays.
- When we compare this with ready-to-use packs, you can see the differences in the table below:

	Concentrate	R.T.U.
1 pack	4x1L (makes up 400 triggers)	6 triggers
1 pallet	75 x 4 x1L (makes up 30,000 triggers)	540 triggers
Equivalents	1 pallet	55.5 pallets
Weight of plastic	31.2kg	2300kg
Weight of cardboard	10.5kg	599.4kg

- The Carbon saving on transport is also significant. A standard artic carrying 26 pallets for 100 miles would produce 150kg CO₂e. The equivalent for RTUs is approximately 8250kg CO₂e - the same as a return plane trip from London to Hong Kong.

Debunking Myths - what to look out for:

‘Greenwashing’ – when more time and money is spent on marketing something as ‘green’ rather than looking for proven, sustainable solutions.

Examples of Greenwashing in the chemical hygiene industry:

- **‘All natural ingredients’**
 - Some chemicals can be derived from natural plant based sources but obtaining the amounts required in this sector is unsustainable without using synthetics. Some of the newer synthetic variants are actually more effective in products.
- **‘Eco-friendly’ or ‘non-toxic’**
 - Widely used but unregulated terms. Check labels and SDS as products may still contain substances that are harmful.
 - Even water has some environmental impact!
- **Green markings** on labelling
 - Often without any supporting data, which can be misleading, look out for any fine print.

Be curious when selecting your chemical cleaning hygiene products.

The Competition and Marketing Authority has also launched its **Green Claims Code** as part of a wider campaign during COP 26. More information can be found on Government websites.

The Chemical Industry is not perfect

- We don't think any chemical manufacturers can claim to be perfect. By its very nature, our industry is not 'environmentally friendly'.
- Some chemicals are manufactured for very specific purposes, therefore can be quite 'nasty'.
- We are committed to making changes and improving our processes and practices significantly.
- **Challenge your manufacturer and supply partner:**
 - What policies do they have in place?
 - How are they reducing impact in their process?
 - What environmental affiliations do they have – e.g. Planet Mark

Changing Mindsets



- **Educate customers** - the best way to influence what customers use is to educate them so they can make the best decisions for themselves and their cleaning applications.
- **Educate and train cleaning teams** – ensure they are using products correctly and effectively, to increase productivity.
- **Check product claims** – understand the product literature to make the most informed decisions. Look for the real science to back up marketing claims.
- **Use the right product, for the right application, at the recommended dilution to achieve the best results.**

Using Chemicals Safely

- **Risk Assessment** – The Management of Health & Safety at Work Regs 1999, places a legal duty on employers to carry out suitable risk assessments to protect employees and others who may be affected.
- **COSHH** – Control Of Substances Hazardous to Health (COSHH) requires employers to control substances that are hazardous to health. A COSHH assessment is used to ensure adequate control measures are taken into consideration to prevent harm.
- **Evans Support** – the Evans Vanodine COSHH Risk Assessment Portal is available to all approved distributors and customers. This provides a platform on which to complete and store your COSHH risk assessments for your Evans Vanodine products.

Education with Evans E-Learn

- The online multilingual learning and assessment facility is available to help you provide the required training and product awareness.
- The COSHH training course has been designed to safeguard you, your staff and your customers when using Evans products.
- The course last 20 – 30 minutes and can be completed at a time and place that suits you.
- Once all sessions are completed, a short test must be taken. When a pass rate is achieved, a certificate is issued.
- The course is RoSPA (Royal Society for the Prevention of Accidents) approved and the certificate displays this logo.

Future of the Cleaning Industry

- **Covid-19** has highlighted the importance of good cleaning and hygiene practices. These are likely to continue and become the norm in everyday life.
- **Plastics** are a key focus, including single use plastics, incorporating post consumer recycled (PCR) content into packs and how waste is disposed of or upcycled.
- **Packaging design and “End of Life”** plastic considerations – 100% recyclable.
- More emphasis on **concentrates and related dosing equipment**, e.g. Evans e:dose super concentrate range.

#sharingourexpertise

- **Question supply chain partners** to provide data for efficacy and any marketing claims they are making.
- **Be curious** about what you are purchasing and using.
 - *New technology offering quick fixes or shortcuts?*
 - *If it feels to be good to be true... it probably is!*
- **Consider concentrates**, where practical and facilities allow.
- **Select the best product for the job**, with qualified credentials, rather than products advertised as being the 'greenest'.
- **Request education and training support**, to ensure your cleaning teams understand best practice and the importance of following manufacturer's dilutions and contact times for efficacy. Evans E-Learn portal is designed to help with this.
- **Affiliate with a industry trade body**, where guidance and resources can be accessed, e.g. Cleaning and Support Services Association (CSSA).

Connect with us:



www.evansvanodine.co.uk



Evans Vanodine
GLOBAL HYGIENE SOLUTIONS



PlanetMark

