



 **TECHTRON**

**Working in partnership with you to  
formulate, blend and pack.**



**Techtron is a BRC accredited formulator, manufacturer and packer of chemical liquid with over 30 years experience of putting liquids in bottles ranging from 50ml – 1000L.**

A state-of-the-art contract packing facility based on the Deeside Industrial Park in North Wales – one of the largest industrial estates in Europe, offering fantastic transport links to the North and South of the UK and in close proximity to the Merseyside ports for import and export. Techtron Specialises in producing detergent, surfactant and solvent based solutions for the automotive, cosmetic, janitorial, household and speciality chemical market sectors.

We offer a complete range of services required from formulation, regulatory and compliance, blending, quality control, filling, marketing and design, dispatch and distribution. Our customer can select their preferred stage of working to suit their requirements. Products can be manufactured in accordance with a customer's specification or we can provide a formulation from our extensive bank of intellectual property. Our team has far reaching in house capabilities to create bespoke products, match benchmark samples or provide innovative solutions to our customer's opportunities.

[www.techtron.co.uk](http://www.techtron.co.uk)

## / Blending

- **State of the art facility**
- **Versatile batch sizes from 200L to 5000L**
- **316 stainless steel mixing vessels**
- **Control for exothermic reactions**
- **Automated Cleaning in Place (CIP)**
- **PLC Controlled**
- **Operated by highly experienced staff**

For more information, please visit our website:  
[www.techtron.co.uk/our-capabilities/chemical-blending](http://www.techtron.co.uk/our-capabilities/chemical-blending)

Our bespoke state-of-the-art chemical blending facility comprises of four 5 tonne 316 food-grade stainless steel vessels fitted with paddle mixers and recirculation loops suitable for high active content blends through to simple dilutions from concentrate.

Operated via PLC control, the blending vessels can be fed by double-filtered UV treated mains water or, alternatively, from a full deionised water plant complete with reverse osmosis that is generating water to a pharmaceutical specification. With direct acid and base feeds and plate cooling heat exchangers these vessels have the ability to process exothermic chemical reactions for the more complex blending requirement. Finished product can be discharged from the chosen vessel via stainless steel transfer lines to one of five holding vessels (three stainless steel and two polyethylene) or alternatively be

discharged to IBC or tote. All blending vessels and packing tanks are fitted with automated cleaning in place (CIP) facilities.

Via installation of a range of smaller overhead mixers, the plant is able to facilitate the blending of solvents and accommodates scale-up, start up and smaller blend production.

## / Packing

- **Versatile, modern, automated packing lines**
- **50ml – 1000L**
- **Induction heat sealing and heat shrinking**
- **Custom built 20L automated packing line**
- **BRC accredited facility**
- **Ability to pack large promotional runs or for seasonal demand**

For more information, please visit our website:  
[www.techtron.co.uk/our-capabilities/contract-packing](http://www.techtron.co.uk/our-capabilities/contract-packing)

With a versatile packing operation comprising of five easily-adjustable packing lines, filling from 50ml to 1000L, into a variety of packaging designs, Techtron is able to pack products at speed, ensuring efficiency and value-for-money.

Generally our packing lines consist of fillers, in-line cappers, induction heat sealers, metal detectors, labellers, case tapers and where applicable, finished pack heat shrink tunnels. Techtron has invested heavily in standardising the packaging machinery across the lines to ensure that business continuity is provided in the event of a machine breakdown..

For larger pack sizes Techtron has invested in a custom-built line capable of packing 20L drums at speed directly onto pallets (standard or euro) in the intended configuration in order to avoid manual handling risks and reduce costs.

Our flexibility in filling arrangements extends to our small pack room which specialises in smaller or specialist demands. This area is used for the packaging of kits, promotional samples, customer product and clinical trials, scale up, small production runs for start-up or SMEs and gift packing arrangements.



## / Technical

- **Modern laboratory facilities**
- **Highly experienced and competent staff**
- **Innovative NPD program**
- **Product design and formulation optimisation**
- **Concept to product delivery**
- **Product packaging suitability assessment**
- **Regulatory and compliance advice**

For more information, please visit our website:  
[www.techtron.co.uk/our-capabilities/technical](http://www.techtron.co.uk/our-capabilities/technical)

With modern laboratory facilities encompassing in-house product development and microbiological capabilities combined with highly qualified and experienced staff, Techtron can support its customers through the provision of services including product design, formulation, performance testing, optimisation, product stability assessment, quality assurance and regulatory and compliance.

Techtron's commitment to its customers is to formulate and produce products which are safe for use, that are supported by a robust quality management system and are driven by a team of technical experts. Our team has a wealth of experience and will ensure that your regulatory and compliance, quality, product assessment, labelling and packaging requirements are met.

Techtron has invested in state-of-the-art software in order to aid our assistance to customers to produce SDS, label templates,

product ingredients declarations, dangerous goods notes and CLP classification reports to be produced in-house.

The site is accredited by SGS to British Retail Consortium (BRC) consumer products, Group 1. Grade A status. The site is also subject to numerous customer audits, environmental, ADR, fire and health and safety audits.

## / Pet & Veterinary

- Strong formulation expertise
- High quality products
- Leading innovation
- Customisable formulations
- Cost effective solutions
- Concept to completion
- Budget to high-end premium products

For more information, please visit our website:  
[www.techtron.co.uk/sectors/pet-and-veterinary](http://www.techtron.co.uk/sectors/pet-and-veterinary)

Techtron has worked with a major supplier of animal grooming and welfare products with distribution throughout Europe. In response to the customer's need to grow their European business, the Deeside team were tasked with the development of an exclusive natural range of shampoos, conditioners, de-tangling sprays, spritzers and dry wash products.

Techtron worked to a complex specification in order to satisfy multiple marketing and product claims, including paraben, sulphate, SLES and alcohol-free. In combination the customer required a performance match to industry-leading benchmark samples whereby all developed products were submitted into blind consumer trials for verification. The customer was assisted to gain on-pack accreditations, including the Vegetarian Society. All objectives were achieved and the project was completed within the customer timescales.

The customer's high stringent standards extended benefits to the finished product packaging specification where environmental benefits were paramount. As a result, bespoke packaging was sourced to meet these requirements which has added a strong unique selling point.

Other products available from our pet formulation bank include: pet shampoo, (both generic, coat and condition specific), coat conditioners, grooming sprays and cologne, detanglers, heat protection and shine sprays and nail, tail and hoof products.





## / Automotive

- Solving day-to-day or complex problems
- Products for retail or professional use application
- Extensive formulation bank and R&D Program
- Bespoke or benchmark match
- Performance enhancing solutions
- Price competitive

For more information, please visit our website:  
[www.techtron.co.uk/sectors/automotive-and-maintenance](http://www.techtron.co.uk/sectors/automotive-and-maintenance)

Techtron was tasked with the development of a six-part automotive commodity range including glass cleaner, wash and wax, traffic film removers by a major distributor of automotive cleaning solutions for the UK and Ireland. The products were developed to preserve tight cost margins whilst maintaining high product performance to compete competitively with other mainstream products.

Techtron had to be able to produce sizeable volumes in large pack sizes (20L) and demonstrate the ability to support quarterly retail promotions. The Deeside team were charged with developing and executing a complex logistics solution for multi-site drops and delivery to the end consumer on behalf of the customer throughout the UK and Ireland in order to ensure that the high service level was maintained.

The customer now works in full partnership with Techtron and utilises all the services that

the team can offer; from formulation, blending, filling, regulatory advice for on-pack copy, palletisation and logistics.

Customers utilising this service also have access to our extensive formulation bank (+500 products) which includes products such as TFRs, glass cleaners, ceramic shampoo's, bird dropping remover, wash and wax, waterless car shampoo, rain repellents, plastic restorers, tar and glue remover, leather cleaner and conditioners and many more products.



## / Household & Janitorial

- Extensive formulation bank
- Provision of point-of-sale literature
- Technical support and usage instructions
- Performance products
- Support for tender applications
- High volume capabilities
- Competitive pricing

For more information, please visit our website:  
[www.techtron.co.uk/sectors/household-and-janitorial](http://www.techtron.co.uk/sectors/household-and-janitorial)

Techtron has the capability to offer high-volume products where tight margins apply in order to compete as part of a tender process, backed up with considerable administrative support.

Techtron works in partnership with a janitorial dry goods supplier to major restaurant and pub chains, councils, healthcare providers and the NHS. The Deeside team were tasked to support the customer in their tender processes with pricing and supporting literature, including ingredients declarations, safety data sheets, labels, performance data and dilution ratios. In this highly competitive arena Techtron works to exceptionally tight deadlines where tender processes are highly competitive.

Techtron can demonstrate an in-depth knowledge of the marketplace in terms of pricing structures, cost strategies, provision of advice on product performance requirements, incumbent suppliers and their offerings.

Techtron's janitorial expertise is extensive and our available formulations include: hard surface cleaners, stainless steel and glass cleaners, WUL, degreasers, toilet cleaner, foodsafe sanitisers, floor cleaner and maintainers, laundry solutions, dishwasher rinse aids, handwash, disinfectants, carpet presprays, shampoos, stain removers and dry foam and oven cleaner.





## / Speciality Chemicals

- Extensive formulation bank
- Provision of point-of-sale literature
- Technical support and usage instructions
- Performance products
- Support for tender applications
- High volume capabilities
- Competitive pricing

For more information, please visit our website:  
[www.techtron.co.uk/sectors/speciality](http://www.techtron.co.uk/sectors/speciality)

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