Product Catalogue

Champion
Heatsavr
Ecosavr
HTH
Palintest
Lovibond
Endosan
Endotherm
The Company

Albion Chemicals joined the Brenntag Group, the world’s largest chemical distribution business, in 2006. The Brenntag Group recorded an annual turnover in excess of €10.0 billion (2014) and has a strong presence in a wide range of markets and industries around the globe.

When it comes to chemicals, very few companies can claim to have the skill, expertise and facilities that customers of Brenntag UK & Ireland benefit from every day. We are the UK market leader in chemical distribution, serving 18,000 customers nationwide from 16 strategic sites, two sea-fed terminals and a dedicated fleet of over 100 vehicles.

As a market-focused business, we offer unparalleled knowledge of specialty markets and unrivalled customer service and product distribution - a friendly Brenntag representative is always on hand in your local area to deal with your requirements. We operate a zero tolerance to unsafe working practices and are committed to promoting and maintaining safe practices in our day-to-day activities. This is achieved through consultation with employees, external bodies, customers and compliance with current legislation.

The Team

Within Brenntag UK, we have a dedicated team of Leisure Account Managers who have all worked in the industry for a number of years and have faced similar issues that you are dealing with today. The team adopt a problem solving approach and pull upon their own experiences in water treatment and pool management to present you with a wide range of options to meet your specific needs.

The Product Range

Our product range is extensive and as a member of the Brenntag Group, we benefit strongly from our global sourcing opportunities. The purchasing team constantly strives to deliver the highest product quality standards from reputable chemical suppliers to provide the best value for our customer base.

The product range we supply includes HTH Calcium Hypochlorite, Sodium Hypochlorite, both as 1000 litre pumpovers and small packs, water balancers such as Sodium Bisulphate, Sodium Carbonate and Sulphuric acid and a wide range of test tablets and equipment. Our own Champion range continues to offer our customer base a high quality brand for both the commercial and domestic user.

The Service Offering

Brenntag has chosen to adopt a distribution model that ensures that our customers receive a local service offering via one of our 12 depots across the UK and Ireland, whilst enjoying the benefits of sourcing from a global business.

Brenntag depot staff understand the needs of their local customers and ensure that the ordering process is seamless from product enquiry to delivery. Our commercial teams are available to offer product and market advice and support, as well as updates on legislative changes such as those covered by REACh and the BPR.

Industry Advice & Legislation

As members of SPATA, BISHTA and the STA, we are keen to ensure that our customers are made aware of changes within the Leisure Industry that may impact your business. By participating in industry meetings and seminars, we are able to share our expertise in chemical sourcing, handling and applications to benefit the industry as a whole.

REACh, the new EU Chemicals legislation for the Registration, Evaluation, Authorisation and restriction of Chemicals is now an extremely important part of the chemical sourcing process and as such, cannot be ignored. In working with Brenntag, our customers gain the reassurance of product compliance as well as sustainable product sourcing for the future.

Our commercial teams undergo considerable technical training and can act as your first port of call for product advice and information. With regards to the Biocidal Products Regulations, Brenntag UK belongs to the Eurochlor Group and continues to source all biocidal products from suppliers listed on Article 95 only.

Brenntag UK Limited is also a member of the Chemical Business Association (CBA) and follows the guidelines outlined by the HSE in setting health and safety policies for the business.

www.brenntag.co.uk
## Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Champion Brand</td>
<td>4-5</td>
</tr>
<tr>
<td>Champion Products</td>
<td>6-23</td>
</tr>
<tr>
<td>Heatsavr</td>
<td>24-26</td>
</tr>
<tr>
<td>Ecosavr</td>
<td>27</td>
</tr>
<tr>
<td>Endotherm</td>
<td>28-29</td>
</tr>
<tr>
<td>HTH</td>
<td>30-31</td>
</tr>
<tr>
<td>Sodium Hypochlorite</td>
<td>32</td>
</tr>
<tr>
<td>Lovibond</td>
<td>33</td>
</tr>
<tr>
<td>Palintest</td>
<td>34-35</td>
</tr>
<tr>
<td>Endosan</td>
<td>36</td>
</tr>
<tr>
<td>Equipment</td>
<td>37-39</td>
</tr>
</tbody>
</table>
The Champion Brand

The Champion brand of pool and spa chemicals is a high quality, comprehensive product range for both the domestic and commercial user. The wide range of packaging sizes offered means that customers can choose between small packs for hot tub users and above ground pools and larger value packs for high volume users.

The Champion brand has a strong heritage in the south west of England from where the brand started over 20 years ago. Today it is widely used across the UK and Ireland with customers commenting on the consistent quality of the products and the attractive packaging used.

The key features of the Champion brand include:

- Retail friendly packaging with shelf appeal
- Colour coded labels by product type
- Premium quality products from reputable suppliers
- Sourcing from UK and European suppliers where possible to reduce air miles and CO₂ output
- Legislative requirements updated regularly including CLP approved labels
- All biocidal products supported through the Biocidal Products Regulation
- REACh registration for all non-biocidal products

Top sellers within the Champion range include:

**Champion Pool & Spa Film Cleanse:**
Widely used across the UK and a very popular product within the commercial pools sector. The trigger spray bottle enables the user to simply spray onto pool or hot tub tide lines, leave for a few minutes and wipe off with a cloth.

**Champion Poolside Deep Clean:**
A highly effective product for deep cleaning of poolside floors and changing areas. For even better results the product can be left overnight and washed off in the morning.

**Champion Bichlor Multi Tabs:**
5 in 1 chlorine tablets with a shock top layer for quick chlorination and a slower dissolving bottom layer for ongoing disinfection. The tablets also include an algicide, flocculant and anti-scaling agent and are the ultimate multifunctional tablets offering simplicity for the domestic user.
Champion Contents

**Champion Spa Starter Pack**

**Key Features:**
- Start-up chemical kit for hot tubs and spa baths
- Contains 1kg Chlorine Granules, 1kg pH Reducer, 1kg pH Increaser, 1L Spa No Foam & bottle of 50-3-in-1 test strips.
- Also contains a helpful spa pool brochure with guidelines on chemical application and water testing.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA0039MA</td>
<td>4.5kg</td>
<td>1</td>
</tr>
</tbody>
</table>
Sanitisers
Stabilised Chlorine

Champion Stabilised Chlorine Granules 55%

Key Features:
• Quick dissolving chlorine granules for daily disinfection
• Built in stabiliser to prevent loss of chlorine to sunlight
• Ideal for outdoor pools
• Fine particle size
• High quality, dust free product

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA5500MA</td>
<td>1kg</td>
<td>12</td>
</tr>
<tr>
<td>CLR5505MH</td>
<td>2kg</td>
<td>6</td>
</tr>
<tr>
<td>CLR5505MC</td>
<td>5kg</td>
<td>2</td>
</tr>
<tr>
<td>CLR5505BO</td>
<td>10kg</td>
<td>n/a</td>
</tr>
<tr>
<td>CLR5505BG</td>
<td>25kg</td>
<td>n/a</td>
</tr>
</tbody>
</table>

Champion Large Chlorine Tablets

Key Features:
• 200gm trichlor tablets for daily disinfection
• Built in stabiliser to prevent loss of chlorine to sunlight
• Easy to use and dose
• Slow dissolving
• High chlorine content
• Boric Acid free
• Add to skimmer basket or floating dispenser

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA0026MH</td>
<td>2kg</td>
<td>6</td>
</tr>
<tr>
<td>SPA0026MC</td>
<td>5kg</td>
<td>2</td>
</tr>
<tr>
<td>SPA0027MA</td>
<td>10kg</td>
<td>n/a</td>
</tr>
<tr>
<td>SPA0027NA</td>
<td>25kg</td>
<td>n/a</td>
</tr>
</tbody>
</table>

Champion Small Chlorine Tablets

Key Features:
• 20gm trichlor tablets for daily disinfection
• Built in stabiliser to prevent loss of chlorine to sunlight
• Easy to use and dose
• Slow dissolving
• High chlorine content
• Boric Acid free
• Add to skimmer basket or floating dispenser

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA0025MH</td>
<td>2kg</td>
<td>6</td>
</tr>
<tr>
<td>SPA0025MD</td>
<td>5kg</td>
<td>2</td>
</tr>
<tr>
<td>SPA0025MA</td>
<td>25kg</td>
<td>n/a</td>
</tr>
</tbody>
</table>
Sanitisers
Stabilised Chlorine

Champion Multifunctional Chlorine Tablets

Key Features:
• 200gm trichlor tablets for daily disinfection
• Built in stabiliser to prevent loss of chlorine to sunlight
• High chlorine content
• Includes built in water clarifier and algae inhibitor
• Boric Acid free
• Add to skimmer basket or floating dispenser

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA0028MH</td>
<td>2kg</td>
<td>6</td>
</tr>
<tr>
<td>SPA0028MC</td>
<td>5kg</td>
<td>2</td>
</tr>
<tr>
<td>SPA0028MA</td>
<td>25kg</td>
<td>n/a</td>
</tr>
</tbody>
</table>

Champion Bichlor Multi Tabs

Key Features:
• 2-layer 200gm trichlor tablets for shock chlorination and daily disinfection in one tablet
• Effervescent top layer
• Includes algicide, flocculant and scale inhibitor
• Built in stabiliser to prevent loss of chlorine to sunlight
• Boric Acid free

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLR2020MC</td>
<td>5kg</td>
<td>2</td>
</tr>
</tbody>
</table>

Multifunctional Chlorine Tablet Dispenser (mini)

Key Features:
• Disinfection, algaecide and flocculant in a pre-filled dispenser
• Contains multifunctional Trichlor tablets
• Easy to use, no chemical handling
• Tablets dissolve over a 2 to 3 week period
• Ideal for pools between 10m3 and 40m3

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLR0001BP</td>
<td>1kg</td>
<td>6</td>
</tr>
</tbody>
</table>
Bromine Tablets

Key Features:
- 20gm Bromine tablets
- Lower odour than chlorine tablets
- Ideal for indoor pools and high water temperatures
- Designed for use with a bromine feeder

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRO0003MCA</td>
<td>5kg</td>
<td>2</td>
</tr>
</tbody>
</table>
Non-Stabilised Chlorine

Champion Chlorine Shock Granules 65%

Key Features:
- High chlorine content
- Free flowing granules
- Stabiliser free, no chlorine lock
- Helps to clear pool of bather wastes
- Kills bacteria, controls algae and breaks down combined chlorines

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHY6501MH</td>
<td>2kg</td>
<td>6</td>
</tr>
<tr>
<td>CHY6501MC</td>
<td>5kg</td>
<td>2</td>
</tr>
<tr>
<td>CHY6501NA</td>
<td>25kg</td>
<td>n/a</td>
</tr>
</tbody>
</table>

Champion Rapid Ultrashock Granules

Key Features:
- Powerful chlorine shock treatment and sanitiser (78% active chlorine)
- Quick dissolving and quick acting
- Stabiliser free, no chlorine lock
- Kills bacteria, controls algae and breaks down combined chlorines
- Helps to clear pool water of swimmer wastes

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHY0702MC</td>
<td>4kg</td>
<td>2</td>
</tr>
</tbody>
</table>

Non Chlorine shock treatment

Champion Non Chlorine Shock

Key Features:
- Chlorine free granules designed for shock treatment of pool water
- Eliminates algae and bacteria
- Restores water clarity, particularly after heavy use
- Provides ideal ‘jump start’ at beginning of season

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>OXI0001MC</td>
<td>5kg</td>
<td>2</td>
</tr>
</tbody>
</table>
**Water Balancers**

- **pH Reducer**
  - **Key Features:**
    - Dry acid for reducing the pH of pool water
    - Fast acting
    - Can be used with all types of disinfection control

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA0010MA</td>
<td>1kg</td>
<td>12</td>
</tr>
<tr>
<td>SBS0003MCA</td>
<td>7kg</td>
<td>2</td>
</tr>
<tr>
<td>SBS0003NA</td>
<td>25kg</td>
<td>n/a</td>
</tr>
</tbody>
</table>

- **pH Increaser**
  - **Key Features:**
    - Granular product for increasing the pH of pool water
    - Fast acting
    - Can be used with all types of disinfection control

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA0005MA</td>
<td>1kg</td>
<td>12</td>
</tr>
<tr>
<td>SAS0006MH</td>
<td>2kg</td>
<td>6</td>
</tr>
<tr>
<td>SAS0006MC</td>
<td>5kg</td>
<td>2</td>
</tr>
<tr>
<td>SAS0006NA</td>
<td>25kg</td>
<td>n/a</td>
</tr>
</tbody>
</table>

- **Alkalinity Increaser**
  - **Key Features:**
    - Granular product for correcting low total alkalinity
    - Fast acting
    - Helps to maintain the pH level
    - Can be used with all types of disinfection control

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBC0015MC</td>
<td>5kg</td>
<td>2</td>
</tr>
<tr>
<td>SBC0014NA</td>
<td>25kg</td>
<td>n/a</td>
</tr>
</tbody>
</table>
Water Balancers

**Water Hardener**

**Key Features:**
- Fast acting calcium flakes
- Ideal for correcting calcium hardness levels
- Suited to pools suffering high levels of grout loss

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCH0006MC</td>
<td>5kg</td>
<td>2</td>
</tr>
<tr>
<td>CCH0006NA</td>
<td>25kg</td>
<td>n/a</td>
</tr>
</tbody>
</table>

**Chlorine Reducer**

**Key Features:**
- Fast acting granular product
- Corrects sanitiser levels
- Can also be used to reduce bromine levels

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>STH0007MC</td>
<td>5kg</td>
<td>2</td>
</tr>
</tbody>
</table>

**Chlorine Stabiliser**

**Key Features:**
- Fast dissolving cyanuric acid for raising stabiliser levels
- Prevents loss of chlorine to sunlight
- Essential product for outdoor pools

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYA0005MC</td>
<td>5kg</td>
<td>2</td>
</tr>
<tr>
<td>CYA0005BG</td>
<td>25kg</td>
<td>n/a</td>
</tr>
</tbody>
</table>
Flocculants and Clarifiers

Champion Filter Floc Tablets

Key Features:
- 50gm flocculant tablets
- For use within the skimmer basket
- Prevents cloudy water
- Removes fine particles from pool water
- For use with sand filters

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLC0103MA</td>
<td>750g</td>
<td>12</td>
</tr>
</tbody>
</table>

Champion Flocculant Granular

Key Features:
- Aluminium Sulphate based granular product
- Coagulates debris from the pool floor
- Helps to clarify pool water
- Can be used as a full floc treatment or as a filter aid

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLC0001MC</td>
<td>5kg</td>
<td>2</td>
</tr>
</tbody>
</table>

Champion Flocculant Kibbled

Key Features:
- Coarser grade material than standard Flocculant Granular
- Coagulates debris from the pool floor
- Helps to clarify pool water

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLC0004MC</td>
<td>5kg</td>
<td>2</td>
</tr>
<tr>
<td>FLC0004NA</td>
<td>25kg</td>
<td>n/a</td>
</tr>
</tbody>
</table>
Flocculants and Clarifiers

Champion Pool Sparkle

Key Features:
- Liquid alternative to dry flocculants
- Organic polymer
- Removes large amounts of debris to create sparkling clear water

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLC0005MH</td>
<td>1L</td>
<td>6</td>
</tr>
</tbody>
</table>

Champion Pool Clarifier

Key Features:
- Easy to apply, no pre-dissolving of solid required
- Assists with the removal of algae and deposits from pool water
- Enhances clarity of water

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLC0003MH</td>
<td>2L</td>
<td>6</td>
</tr>
<tr>
<td>FLC0003MC</td>
<td>5L</td>
<td>2</td>
</tr>
</tbody>
</table>
Algaecides

**Champion Algaecide**

**Key Features:**
- Extra strong algaecide to prevent growth of algae in pools
- Non copper based formulation
- Use as a weekly treatment to keep algae at bay
- As an initial dose add 20mls of Champion Algaecide to 10 cubic metres of pool water, then as a weekly dose add 6mls of Champion Algaecide to 10 cubic metres of pool water.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA0000CB</td>
<td>1L</td>
<td>12</td>
</tr>
<tr>
<td>ALG0004MH</td>
<td>2L</td>
<td>6</td>
</tr>
<tr>
<td>ALG0004MC</td>
<td>5L</td>
<td>2</td>
</tr>
</tbody>
</table>

**Champion Winterclear**

**Key Features:**
- Non copper based formulation
- Designed to keep your pool free from algae during winter months
- 5L pack will treat approximately 54 cubic metres of pool water

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALG0077MC</td>
<td>5L</td>
<td>2</td>
</tr>
</tbody>
</table>

**Klearpool Algaecide**

**Key Features:**
- BPR approved copper algaecide formulation
- 1L treats 33,000 litres of pool water
- Highly effective long life treatment. Lasts up to 6 months
- Can be use to winterise your pool or keep algae at bay during summer

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALG0001MP</td>
<td>1L</td>
<td>12</td>
</tr>
</tbody>
</table>
**Cleaning Range**

**Champion Pool & Spa Film Cleanse**

**Key Features:**
- pH neutral, environmentally friendly, concentrated cleaning agent for pool tide lines
- Removes oils, grease and grime
- Easy to apply, spray on pool areas, leave for a few minutes & wipe clean

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALG2023MP</td>
<td>500mls</td>
<td>12</td>
</tr>
</tbody>
</table>

**Champion Poolside Deep Clean**

**Key Features:**
- Specially designed for heavily contaminated poolside areas in busy commercial pools where regular cleaning agents are not strong enough
- Removes algae, limescale, fats and other stubborn stains from tiles and stainless steel
- Apply using a mop, brush or spray

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALG0012MP</td>
<td>1L</td>
<td>12</td>
</tr>
</tbody>
</table>

**Champion Tile & Liner Cleaner**

**Key Features:**
- Acid based cleaner in liquid form
- Assists with the removal of deposits from pool tiles and surrounds
- Ready to apply. Suitable as a regular cleaning product

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALG0003MH</td>
<td>2L</td>
<td>6</td>
</tr>
<tr>
<td>ALG0003MC</td>
<td>5L</td>
<td>2</td>
</tr>
</tbody>
</table>

**Champion Algaecide**

**Key Features:**
- Extra strong algaecide to prevent growth of algae in pools
- Non copper based formulation
- Use as a weekly treatment to keep algae at bay
- As an initial dose add 20mls of Champion Algaecide to 10 cubic metres of pool water, then as a weekly dose add 6mls of Champion Algaecide to 10 cubic metres of pool water.
**Sauna Milk – Eucalyptus**

**Key Features:**
- Provides a soothing eucalyptus vapour within the steam room
- Easy to apply via steam injectors

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAU0001MC</td>
<td>5L</td>
<td>2</td>
</tr>
</tbody>
</table>

**Steam Room Descaler**

**Key Features:**
- Removes limescale and calcium deposits from steam generator tanks
- Prolongs mechanical life of equipment
- Ensures maximum efficiency of steam generation

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT0001MH</td>
<td>1kg</td>
<td>6</td>
</tr>
</tbody>
</table>
Spa Sanitisers

Champion Spa Chlorine Granules 55%

Key Features:
- Quick dissolving chlorine granules for daily disinfection
- Keeps spa water free from bacteria
- Fine particle size; dust free product

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA0024MA</td>
<td>1kg</td>
<td>12</td>
</tr>
</tbody>
</table>

Champion Spa Multifunctional Tablets

Key Features:
- 20gm chlorine tablets
- Slow dissolving, maintain a chlorine level for longer period of time than chlorine granules
- Also contain a built in clarifier
- Boric acid free
- Dose via a floating dispenser

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA0002MH</td>
<td>1kg</td>
<td>6</td>
</tr>
</tbody>
</table>

Champion Spa Bromine Tablets

Key Features:
- Disinfects spa water; alternative to chlorine
- Keeps spa water free from bacteria
- Works at a higher pH
- Use with a bromine feeder or floating dispenser

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRO0010MH</td>
<td>1kg</td>
<td>6</td>
</tr>
</tbody>
</table>
Spa Sanitisers

Champion Spa Bromine Granules

Key Features:
• Quick dissolving sanitiser for daily disinfection
• Boosts bromine levels
• pH is close to neutral so minimal effect on water balance

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRO0008BQ</td>
<td>1kg</td>
<td>12</td>
</tr>
</tbody>
</table>

Spa Shock Treatments

Champion Spa Non Chlorine Shock

Key Features:
• Shock doses spa water
• Chlorine and bromine free. Bathers can use spa pool shortly after application
• Enhances water clarity

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>OXI0002MA</td>
<td>1kg</td>
<td>12</td>
</tr>
</tbody>
</table>
Champion Spa pH Reducer
**Key Features:**
- Dry acid for reducing the pH of spa pool water
- Fast acting
- Can be used with all types of disinfection control

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA0023MA</td>
<td>1kg</td>
<td>12</td>
</tr>
</tbody>
</table>

Champion Spa pH Increaser
**Key Features:**
- Dry product for increasing the pH of spa pool water
- Fast acting
- Can be used with all types of disinfection control

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA0022MA</td>
<td>1kg</td>
<td>12</td>
</tr>
</tbody>
</table>

Champion Spa Alkalinity Increaser
**Key Features:**
- Used to correct alkalinity when it falls below 80mg/l
- Fast acting
- Helps prevent pH bounce

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBC0018MA</td>
<td>1kg</td>
<td>12</td>
</tr>
</tbody>
</table>
Spa Water Balancers

Champion Spa Water Hardener
Key Features:
• Used to correct calcium hardness levels

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA0004NH</td>
<td>1kg</td>
<td>6</td>
</tr>
</tbody>
</table>

Champion Spa Chlorine Reducer
Key Features:
• Fast acting granular product
• Reduces sanitiser levels
• Can also be used to reduce bromine levels

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA0005MH</td>
<td>1kg</td>
<td>6</td>
</tr>
</tbody>
</table>

Champion Spa No Foam
Key Features:
• Controls and prevents foam build up
• Fast acting liquid
• Breaks down foam caused by detergents and cosmetics in the water

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA0004NI</td>
<td>1L</td>
<td>12</td>
</tr>
<tr>
<td>AFC0031MH</td>
<td>2L</td>
<td>6</td>
</tr>
</tbody>
</table>
Spa Flocculants and Clarifiers

**Champion Spa Sparkle**

**Key Features:**
- Liquid alternative to dry flocculants
- Organic polymer
- Removes large amounts of debris to create sparkling clear water

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA0003MA</td>
<td>1L</td>
<td>12</td>
</tr>
<tr>
<td>SPA0003MH</td>
<td>2L</td>
<td>6</td>
</tr>
</tbody>
</table>

Spa Cleaning and Maintenance

**Champion Spa No Scale**

**Key Features:**
- Scale inhibitor and dispersant for use in spa baths
- Precipitates iron and other staining agents

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA0016NI</td>
<td>1L</td>
<td>12</td>
</tr>
<tr>
<td>SPA0016MH</td>
<td>2L</td>
<td>6</td>
</tr>
</tbody>
</table>

**Champion Spa Cartridge Cleaner**

**Key Features:**
- Removes accumulations from the water surface
- Restores the cartridge to maximum efficiency

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA0001MA</td>
<td>1L</td>
<td>12</td>
</tr>
<tr>
<td>SPA0015MH</td>
<td>2L</td>
<td>6</td>
</tr>
</tbody>
</table>
Champion Filter White

Key Features:
- Cleaning agent for filter cartridges, pre dissolving required
- Soak cartridges in cleaning solution overnight for a highly effective deep clean

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLC9002MA</td>
<td>400gm</td>
<td>12</td>
</tr>
</tbody>
</table>

Champion Spa Acrylic & Cover Cleaner

Key Features:
- Particularly suited to spa bath acrylics and white plastic surfaces
- Removes human fats and grease without being aggressive to surfaces
- Easy to apply, spray on, leave for 5 minutes and rinse off

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Box of</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALG2022MP</td>
<td>500mls</td>
<td>12</td>
</tr>
</tbody>
</table>
Brenntag UK Limited is also able to offer an extended commercial product range which includes, but is not limited to the following:

- Sodium Hypochlorite 10/11%
- Sodium Hypochlorite 14/15%
- HTH Calcium Hypochlorite
- Polyaluminium Chloride
- Hydrochloric Acid
- Sulphuric Acid
- Sodium Bisulphate
- Sodium Carbonate
- Sodium Bicarbonate
- Sodium Thiosulphate
- Calcium Chloride flake
- Aluminium Sulphate
- Cyanuric Acid
- Granular Salt
- Salt Pebbles
- Filter Sand
What is Heatsavr?

Heatsavr is the revolutionary and original liquid pool cover system that was invented in Canada over 20 years ago and is used around the world by both domestic and commercial customers today.

Heatsavr is a patented blend which is automatically dosed into the pool at night, forming an invisible monolayer on the surface of the water, suppressing evaporation from the pool water surface. It works in a similar way to a conventional pool cover in retaining heat and slowing evaporation, except that whereas a conventional cover is generally only used at night time when the pool is closed, Heatsavr continues to work during the day when the water is undisturbed.

Outdoor Pools

When Heatsavr is applied to an outdoor pool the result is often very visible, particularly as the air temperature cools and evaporation is rapid. Within minutes of dosing Heatsavr, the invisible liquid spreads across the surface and suppresses evaporation.

An outdoor pool using Heatsavr will be naturally warmer than an uncovered pool, resulting in a reduction in heating costs.

Heatsavr is the ideal choice for outdoor residential pools where conventional covers are impractical or where the pool owner prefers the aesthetics of an invisible cover.

Indoor Pools

When Heatsavr is applied to an indoor pool the savings are even greater. By reducing evaporation, you are not only enjoying savings on water heating, but also on the cost of dehumidification. At night time when the pool is not in use, a temperature set back of as much as 5°C can be introduced, offering substantial savings on air heating.

In addition to the obvious benefits, many commercial customers comment on the improved atmosphere within the pool hall following the installation of Heatsavr, as reduced evaporation during the day leads to reduced humidity. With less moisture build up, corrosion of metal surfaces is reduced and the fabric of the building protected to a degree from excessive dampness.

Heatsavr offers the ideal fit and forget scenario in that Pool Managers can be reassured that they are reducing energy consumption without the added inconvenience of having to draw a conventional cover at night.
Cost Savings

The greatest savings are normally experienced within indoor pools due to the reduced strain on dehumidification systems and customers generally report energy savings in the region of 15 to 40% depending on adjustments to fan speeds.

For outdoor pools the savings will vary with exposure conditions.

One of the key benefits of choosing Heatsavr over a conventional cover is the payback period on the investment which is normally less than 1 year. The minimal capital outlay means that Heatsavr is an affordable choice for many. In November 2014, EEVS, an independent performance measurement and verification company analysed the data provided by a Heatsavr commercial user and determined that they had achieved an impressive 21.7% reduction in gas usage.

Green Credentials

Heatsavr is biodegradable and decomposes a few days after dosing into carbon dioxide, oxygen and water.

By saving on energy usage, a typical 25m commercial pool can also expect to reduce their CO2 output with Heatsavr by as much as 50 tonnes per annum.

Approvals

Heatsavr has undergone numerous toxicological tests and has been proven to have no adverse health effects on pool users. Heatsavr has also achieved NSF acceptance for drinking water standards.

Application and Installation

It is very easy to apply Heatsavr to the pool. Hand dosing is possible but a more effective means of application is via a simple peristaltic pump system on a closed loop. For smaller pools, generally less than 100m², Heatsavr can be dosed straight from the bottle whereas in larger pools, a tank and bund is recommended.

Heatsavr pump kits are available from Brenntag or via one of Brenntag’s pool dealers who will also be able to install the system.
There is only one Heatsavr™, accept no imitations.

Why Heatsavr™?
Heatsavr™ is the original and proven liquid pool cover that has been generating energy savings in pools around the world for over 20 years.

with Heatsavr™, you can...
• Reduce energy loss
• Reduce dehumidification losses
• Reduce CO₂ emissions
• Use on any type of pool
• Simply fit and forget

For further details on Heatsavr and energy reduction, contact Brenntag UK Ltd on:
Tel: 0113 3879 200 or enquiry@brenntag.co.uk

The original liquid pool cover

*Energy saving estimates and references are available on request.*
Ecosavr is the ideal pool cover solution for small domestic pools. One Ecosavr should cover a pool area of about 36 to 40 square metres for approximately 1 month; larger pools will require 2 Ecosavrs.

Ecosavr is part of a family of water conservation products which includes Heatsavr and Watersavr. Heatsavr is used on larger domestic pools and commercial pools and Watersavr is for reservoirs and lakes. Each product uses the same basic principle of inhibiting water evaporation, reducing heat and water loss. Ecosavr has been scientifically developed as a simple and convenient method of dosing Heatsavr liquid into a small swimming pool.

Ecosavr has been designed to sink to the bottom of the pool. A patented release valve in the top fin of Ecosavr slowly releases the Heatsavr liquid into your pool. Just cut along the dotted line and drop the Ecosavr fish into your pool.

If you have an automatic pool vacuum just tie the Ecosavr fish to a ladder or other fixture to raise it above the pool bottom. A punch-out hole is provided in the top fin.

The Heatsavr liquid released by Ecosavr forms an invisible monolayer on the surface of the water. The layer is colourless, tasteless, odourless and is undetectable on the skin. It has no effect on the water chemistry within your pool.

Features:

- Saves money, time, water and heat
- Unheated pools are naturally warmer
- Heated pools cost less to run
- No cover to roll up or store
- Reduces heat and water loss by up to 40%
- Does not interfere with pool filters or chemicals

Packaging:

Available in display cases of 15 individual fish
EndoTherm™ is an energy saving additive which can be installed into any wet central heating system.

Water is used in central heating systems because it is cost effective and readily available, however in reality water alone is not the most efficient transporter of heat. EndoTherm™ improves the heat transfer properties of the water within a heating system resulting in a significant effect on the overall system efficiency.

- SAVE UP TO 15% ON HEATING COSTS
- NON-CORROSIVE
- 100% ORGANIC
- INDEPENDENTLY TESTED
- WORKS WITH INHIBITORS
- DEVELOPED AND MANUFACTURED IN UK
- EASY TO INSTALL
- FAST RETURN ON INVESTMENT

www.brenntag.co.uk
OUR CUSTOMERS SAY...

“Within days the temperature had noticeably increased, our maintenance dept had to lower the setting on the boiler to compensate. At the end of our first month gas consumption was 15.6% lower than the same month last year adjusted with degree days. Obviously we are very pleased with this result.”

**Director, South Wales healthcare group**

“The trial at our head office has demonstrated a saving of 33% compared with the same period last year.”

**Cabinet Member: Public Health and Housing**

“Another success for the product EndoTherm™.”

**Energy Manager - Chesterfield NHS Foundation Trust**

---

**A multi-sport complex with 25m swimming pool uses about 1,800,000 kWh of gas per**

**72 Litres of EndoTherm™ was installed**

**EndoTherm™ saved 10.5% on TOTAL gas usage over 5 month period**

---

**... and saved 35,900KG of CO₂**

**EndoTherm™ paid itself back within 5 MONTHS**

**This is equivalent to a saving of £4950*”**

---

* Based on 2.8p/kWh gas cost price  ** Based on 0.203kg per kWh. Results based on the findings of EndoTherm case study

---

Brenntag UK & Ireland
Albion House, Rawdon Park
Green Lane
Yeadon, Leeds
LS19 7XX

Phone: +44 (0)113 3879 225
Fax: +44 (0)113 3879 9280

www.brenntag.co.uk
The HTH range of Calcium Hypochlorite sanitisers, controllers and feeders - HTH is the world's most popular form of dry chlorine.

Over the past 35 years many pool operators who have traditionally used liquid chlorine (sodium hypochlorite/bleach) as a sanitiser have been changing to HTH calcium hypochlorite, simply because it is regarded as the safest method of pool water treatment.

The sheer convenience of HTH calcium hypochlorite and the absence of bulk storage tanks is one reason for its rapidly growing popularity - HTH calcium hypochlorite uses fewer chemicals for pH correction and wastes less water for TDS control.

The family of HTH Easiflo® chlorine feeders are suitable for almost any size of pool, and are designed to eliminate all the problems associated with pumps, tanks and agitator based systems.

The Easiflo® feeders are designed with simplicity, ease of use and low maintenance at the forefront. With no foot valves, no dosing pumps and no injectors used within the system, both the cost and the maintenance issues related to many dosing systems become a thing of the past.

Lonza offer a comprehensive UK support service to all HTH public pool operators.

**Existing HTH users benefit from:**

- Pool water management training
- Chemical training
- Technical advice
- Quality literature on pool water management

**Other users benefit too:**

- Free site survey to discuss any pool problem you may be experiencing
- Training on safety, storage and handling of pool chemicals
- Free advice on how to convert your pool to HTH

For more information on products, controllers or feeders please contact your Brenntag leisure account manager.
**HTH Shock**
A fast dissolving calcium hypochlorite, with 78% available chlorine content. An ideal product to shock pool water safely and helps clean filter and surface draw-offs effectively.

Key Features:
- Long shelf life - ideal for service engineers
- Fast dissolving granules
- Very easy to handle and use
- Clears Algae and burns off inorganic Chloramines
- Has minimum effect on water balance including TDS and pH
- Does not add to cyanuric acid levels

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Cases of</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTH0078MC</td>
<td>5kg</td>
<td>2</td>
</tr>
</tbody>
</table>

**HTH Easiflo Granules**
The patented Easiflo Granular product brings an anti-scale element to HTH calcium hypochlorite range. It has 70% available chlorine content. The smaller packs are ideal for sites with restricted/limited access to pool plant rooms.

Key Features:
- Dosed via pump and tank systems or with dedicated feeders
- Sheer convenience for manual handling

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Cases of</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTH0011BH</td>
<td>40kg</td>
<td>1</td>
</tr>
<tr>
<td>HTH0003NH</td>
<td>25kg</td>
<td>1</td>
</tr>
</tbody>
</table>

**HTH Easiflo Briquettes**
The unique and patented “pillow shaped” briquette weighs 7gms and ensures great efficiency with minimal wastage. The briquette form offers an enhanced COSHH rating and has 70% available chlorine content.

Key Features:
- Smaller pack sizes offer sheer convenience of manual handling for sites with limited access
- Dosed via a dedicated feeder
- Offers greater chemical efficiency

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Pack Size</th>
<th>Cases of</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTH0001MC</td>
<td>10kg</td>
<td>2</td>
</tr>
<tr>
<td>HTH0012BG</td>
<td>25kg</td>
<td>1</td>
</tr>
</tbody>
</table>

**HTH Easiflo 1 & 3**
Key Features:
- Briquette feeder for commercial or domestic pools
- Easy to maintain and clean

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Feeder</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGP7587MA</td>
<td>1</td>
</tr>
<tr>
<td>HTH0028MA</td>
<td>3</td>
</tr>
</tbody>
</table>
Brenntag is the largest supplier of Sodium Hypochlorite to the UK market with our own dedicated tanks, vehicles and drivers. Brenntag has a manufacturing site in Thetford which supplies 40,000 tonnes per annum of product which meets the stringent requirements of drinking water standards.

Sodium Hypochlorite is a difficult product to store, particularly in warm weather as it loses strength over time. Brenntag stores Sodium Hypochlorite at 13 locations throughout the UK and Ireland which is delivered on a daily basis to ensure that our customers are receiving the freshest material possible.

Dilution:

Dilution capabilities from 15% to 1% product strength at 13 Brenntag locations.

Pack Sizes:

From 5L polys, sold as Champion Liquid Shock to 1000L pump overs into semi-bulk tanks, Brenntag can service the domestic and commercial markets with ease.

Returnable and non-returnable polys are also available in 10L, 20L, 25L and 30L containers.

Sodium Hypochlorite may be a commodity but as a Brenntag customer you enjoy a number of added benefits:

- Fresh product, delivered within days of production
- Security of supply
- Bespoke packaging
- Local Account Managers
- Product training and advice
- Central Operations compliance team support
- Highest levels of health & safety
- Ultra low bromate grade available
Tintometer is one of the leading companies in the field of water analysis. Their trade-name Lovibond is known in over 140 countries, where they offer innovative products for the precise determination of water in swimming pools.

---

## Lovibond MD 100 PoolControl 3in1 and 6in1

**Key Features:**
- The MD 100 PC 3in1 and 6in1 Photometers are portable handheld instruments.
- Simple button layout and robust waterproof design
- Large backlit display means they are suitable for use in the Plant Room.
- Supply accurate, reproducible results using high quality interference filters with long-life LEDs as a light source.
- Tests are conducted using Lovibond tablet reagents (available from Brenntag leisure account managers).
- Test results are automatically stored with time and date for later review.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGP2781MA</td>
<td>Lovibond MD Pool Control 3 in 1</td>
</tr>
<tr>
<td>EGP2780MA</td>
<td>Lovibond MD Pool Control 6 in 1</td>
</tr>
</tbody>
</table>

---

## Lovibond PM 600

**Key Features:**
- Ergonomic, portable, waterproof design enables users to select just one unit for accurate analysis of up to 12 parameters anytime and anyplace.
- Tests the main pool parameters required for balanced water including: Alkalinity, Bromine, Chlorine, Cyanuric Acid, Iron, Calcium Hardness, Copper, Sodium Hypochlorite, Ozone (DPD) and pH-value.
- Compatible with Lovibond tablet reagents (available from Brenntag leisure account managers).
- Large, back-lit graphic display to aid analysis by providing on screen method prompts, information regarding test measurement range and reagent type and automatic countdown timers for accurate reaction periods.
- Internal memory stores up to 1000 results with date, time and sample ID. These results can be reviewed at any time and can be downloaded to a PC via an additional Infra-Red module.
- Supplied in a durable, portable case complete with accessories and space for additional reagents

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQP0600MA</td>
<td>Lovibond PM600 Photometer</td>
</tr>
</tbody>
</table>

---

## Lovibond Comparator 2000+

**Key Features:**
- Versatile, modular system for testing water.
- Simple to use, yet uncompromising in terms of precision and reproducibility of results.
- Compact and portable. The integrated prism brings the glass standards of the test discs and the coloured sample into the same field of view.
- Should be used with Lovibond Test discs (available from Brenntag Leisure account managers)

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM2004MA</td>
<td>Lovibond Comparator Kit 2000</td>
</tr>
</tbody>
</table>
Palintest have been developing and manufacturing a comprehensive range pool and spa testing equipment for over half a century. Their simple test methods, from test strips to photometer kits, are suitable for residential and professional users alike. A Brenntag leisure account manager will be able to advise which Palintest products will be suitable for your pool water testing requirements.

**Pooltest 3**
Key Features:
- The Pooltest 3 provides digital results for the three key parameters for pool disinfection control: chlorine, pH and cyanuric acid
- Colorimetric analysis giving accurate and fast digital results
- Waterproof with a large backlit LCD screen
- Easy to use four button operation

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQP7272MA</td>
<td>Pooltest 3 Hard Carry Case</td>
</tr>
</tbody>
</table>

**Pooltest 6**
Key Features:
- The Pooltest 6 provides simple and effective pool testing for service engineers and pool managers, offering the parameters required for a water balance calculation.
- Colorimetric analysis giving accurate and fast digital results.
- Large backlit LCD screen ideal for use in any location.
- On-board memory to store the last 10 results.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TST1006MA</td>
<td>Pooltest 6 Photometer Soft Carry Case</td>
</tr>
</tbody>
</table>

**Pooltest 9 Bluetooth**
Key Features:
- Includes the 9 most important pool and spa parameters, water quality testing has never been so simple or connected.
- Single-key direct access to all parameters
- Battery or mains powered and completely waterproof
- On-board data log, downloadable via Bluetooth® SMART or USB and share with colleagues and customers via the Aqua Pal app

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TST7009MA</td>
<td>Pooltest 9 Bluetooth Standard Kit</td>
</tr>
</tbody>
</table>

**TDS Pocket Sensor**
Key Features:
- Pocket sized and waterproof, the Palintest electrochemical range adds further field measurement capability for pool and spa management.
- Automatic temperature compensation for all measurements – ideal for all pool and spa samples
- Completely waterproof – essential for the aquatic environment
- Full range of calibration and care solutions available for aftercare and maintenance

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TDS0011MA</td>
<td>TDS Sensor Low &amp; High Range</td>
</tr>
</tbody>
</table>
Pooltester Kit
Key Features:
• More precise than a test strip
• Simple test method - add the tablet and watch it work without any need to agitate
• Provided in a robust splash resistant box for safe storage
• Tests Chlorine and pH

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQP0610MA</td>
<td>Pooltester Kit Chlorine &amp; pH SP610</td>
</tr>
</tbody>
</table>

Test Strips
Key Features:
• Supplied in pots of 50 tests
• The strip is dipped into the water and compared to the colour chart printed onto the pot.
• 3-way test strip providing free chlorine, pH and alkalinity
• 6-way test strip providing free chlorine, pH, alkalinity, total bromine, hardness, cyanuric acid/stabiliser

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLR6300MA</td>
<td>Test Strips 3 in 1 PT634</td>
</tr>
<tr>
<td>EQP0637MF</td>
<td>Test Strips 6 in 1 PT637</td>
</tr>
</tbody>
</table>

Test Tablets
Used with the range of Palintest instruments, photometer tablet reagents provide an ideal format for the testing of pool water. Among the benefits of photometer tablet reagents are:
• Simple test protocols – crush one or two tablets in the sample to carry out reliable and accurate water analysis anywhere.
• Portable, compact and stable
• Wide range of parameters.

A Brenntag leisure account manager will be able to advise which test tablets are suitable for your needs. The range of Palintest tablets available include, but are not limited to the following:

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Name</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATY0000MF</td>
<td>Total Alkalinity (Alkaphot®)</td>
<td>0 – 500 mg/l CaCO3</td>
</tr>
<tr>
<td>AUS0002MA</td>
<td>Aluminium</td>
<td>0 – 0.5 mg/l Al</td>
</tr>
<tr>
<td>AMM0002MA</td>
<td>Ammonia</td>
<td>0 – 1.0 mg/l N</td>
</tr>
<tr>
<td>BRP0001MF</td>
<td>Bromine</td>
<td>0 – 10 mg/l Br2</td>
</tr>
<tr>
<td>CTEB001MF</td>
<td>Calcium Hardness (Calcicol™)</td>
<td>0 – 500 mg/l CaCO3</td>
</tr>
<tr>
<td>DP00268MF</td>
<td>Chloride/Salt (Chloridol™)</td>
<td>0 – 50,000 mg/l NaCl</td>
</tr>
<tr>
<td>DP0003MF</td>
<td>Chlorine - Free (DPD 1)</td>
<td>0 – 5 mg/l Cl2</td>
</tr>
<tr>
<td>DP0091MF</td>
<td>Chlorine – Free, extended range (DPD XF)</td>
<td>0 – 10 mg/l Cl2</td>
</tr>
<tr>
<td>DPD0003MF</td>
<td>DPD 1 Photometer</td>
<td>0 – 5 mg/l Cl2</td>
</tr>
<tr>
<td>DPD0019MF</td>
<td>DPD 3 Photometer</td>
<td>0 – 5 mg/l Cl2</td>
</tr>
<tr>
<td>DPD0026MF</td>
<td>Chlorine – Total (DPD 4)</td>
<td>0 – 5 mg/l Cl2</td>
</tr>
<tr>
<td>DPD0019MF</td>
<td>Chlorine – Total (DPD 3 only)</td>
<td>0 – 5 mg/l Cl2</td>
</tr>
<tr>
<td>DPD00331MF</td>
<td>Chlorine – Total, extended range (DPD XT only)</td>
<td>0 – 10 mg/l Cl2</td>
</tr>
<tr>
<td>CLR0001MA</td>
<td>Chlorine HR</td>
<td>0 – 250 mg/l Cl2</td>
</tr>
<tr>
<td>CPR0001MF</td>
<td>Copper - Free</td>
<td>0 – 5 mg/l Cu</td>
</tr>
<tr>
<td>CYA0002MF</td>
<td>Cyanuric Acid</td>
<td>0 – 200 mg/l CNA</td>
</tr>
<tr>
<td>CAL0088MA</td>
<td>Hardness – Total (Hardicol®)</td>
<td>0 – 500 mg/l CaCO3</td>
</tr>
<tr>
<td>PHR0002MF</td>
<td>pH Phenol Red</td>
<td>pH 6.5 – 8.5</td>
</tr>
</tbody>
</table>
A health club’s top-of-the-line fitness equipment, can be a draw for new members, but ensuring it is kept aesthetically and bacterially clean is a critical responsibility. The spread of germs and viruses through contact with water and equipment is a serious health concern. Oil and dirt left behind by users on gym equipment can quickly spread viruses such as MRSA whilst water and surfaces in and around swimming pools can carry disease & infection.

The combination of high footfall, moisture and temperature makes an ideal breeding environment for bacteria and fungi. It is therefore essential to apply an effective, safe disinfection product to remove any micro-biological loading. Colourless and odourless, EndoSan leads the way toward a safe & ecological answer to high quality, infection control in the leisure world.

EndoSan works across a broad range of pH values and contains one active biocide, Hydrogen Peroxide. It is non-corrosive and safe to use, whilst supported with numerous international accreditations. Uniquely stable, remaining active at a wide range of temperatures, EndoSan is a true leave in place disinfectant requiring no rinsing after use.
EndoSan is a true leave in place disinfectant requiring no rinsing after use. It works across a broad range of pH values and contains one active biocide, Hydrogen Peroxide. It is non-corrosive and safe to use, whilst supported with numerous international accreditations. Uniquely stable, remaining active at a wide range of temperatures. EndoSan leads the way toward a safe & ecological answer to high quality, infection control in the leisure world.

Therefore essential to apply an effective, safe disinfection product to remove any micro-biological loading. Colourless and odourless, EndoSan can be used around swimming pools where oil and dirt left behind by users on gym equipment can quickly spread viruses such as MRSA whilst water and surfaces in contact with swimmers can carry disease & infection. A health club’s top-of-the-line fitness equipment, can be a draw for new members, but ensuring it is kept aesthetically and bacterially clean is a critical responsibility. The spread of germs and viruses through contact with water and equipment is a serious health concern. Oil and dirt left behind by users on gym equipment can quickly spread viruses such as MRSA whilst water and surfaces in contact with swimmers can carry disease & infection.

APPLICATION: Spray onto surfaces, walls, floors and equipment - no rinse, leave in place.

FEATURES: Highly effective at removing and preventing biofilm. Odourless, Colourless, Tasteless and Non-corrosive.

100% ALCOHOL & CHLORINE FREE, POWERFUL, ECOLOGICAL DISINFECTANT AND BIO-FILM REMOVER

ADVANCED SILVER STABILISED HYDROGEN PEROXIDE

FREE

SAFETY & EASY TO USE

MULTI-APPLICATION

NON-CORROSIVE

NON-TOXIC

NO HARMFUL BY-PRODUCTS

ODOURLESS, COLOURLESS AND TASTELESS

BROAD SPECTRUM
**Equipment**

**PAC Dosing Kronos Pump and Dosing Skid**

Key Features:
- 2ml-2L 10ml-10L
- 4X6 Tube connections
- Manual, 4-20ma, Batch, Sig Control Options
- 3 bar 60c
- 230vac supply

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQP1921MA</td>
<td>PAC Dosing Kronos Pump and Dosing Skid</td>
</tr>
</tbody>
</table>

**Sodium Hypochlorite Skid**

Key Features:
- Bespoke skids for sodium hypochlorite or hydrochloric/sulphuric acid applications.
- The skid comprises of a Tekna pump either AKL 603 or 803, together with a low level chemical alarm.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQP1922MA</td>
<td>Sodium Hypochlorite Skid</td>
</tr>
</tbody>
</table>

**Graduated Day Tanks**

Key Features:
- Tanks made of food grade polyethylene, with litre graduation.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQP3000MA</td>
<td>50Ltr</td>
</tr>
<tr>
<td>EQP3001MA</td>
<td>100Ltr</td>
</tr>
<tr>
<td>EQP3002MA</td>
<td>200Ltr</td>
</tr>
<tr>
<td>EQP3003MA</td>
<td>250Ltr</td>
</tr>
<tr>
<td>EQP3004MA</td>
<td>500Ltr</td>
</tr>
</tbody>
</table>

**Bund Tanks**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQP3005MA</td>
<td>50Ltr</td>
</tr>
<tr>
<td>EQP3006MA</td>
<td>100Ltr</td>
</tr>
<tr>
<td>EQP3007MA</td>
<td>200Ltr</td>
</tr>
<tr>
<td>EQP3008MA</td>
<td>300Ltr</td>
</tr>
<tr>
<td>EQP3009MA</td>
<td>500Ltr</td>
</tr>
</tbody>
</table>

**Electric Mixers/Agitators**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQP3010MA</td>
<td>3 Phase Fast Mixer with 600mm shaft</td>
</tr>
<tr>
<td>EQP3011MA</td>
<td>1 Phase Fast Mixer with 600mm shaft</td>
</tr>
<tr>
<td>EQP3012MA</td>
<td>1 Phase Fast Mixer with 800mm shaft</td>
</tr>
<tr>
<td>EQP3013MA</td>
<td>Manual Agitator for 50Lt tank</td>
</tr>
<tr>
<td>EQP3014MA</td>
<td>Manual Agitator for 100Lt tank</td>
</tr>
<tr>
<td>EQP3015MA</td>
<td>Manual Agitator for 250Lt tank</td>
</tr>
<tr>
<td>EQP3016MA</td>
<td>Manual Agitator for 500Lt tank</td>
</tr>
</tbody>
</table>

**Day Tank Baskets**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQP3017MA</td>
<td>200L/250L Strainer Basket</td>
</tr>
</tbody>
</table>
50 Litre Clip Close Carrier

Key Features:
- Perfect when a quick response is needed
- 50 Litre capacity
- 30 x pads
- 3 x socks
- 3 x pillows
- 5 x bags & ties

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQP3023MA</td>
<td>50 Litre Clip Close Carrier</td>
</tr>
</tbody>
</table>

Wheel Bin Spill Kit 120L

Key Features:
- 120 litre capacity
- 60 x pads
- 4 x socks
- 8 x pillows
- 10 x bags & ties

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQP3024MA</td>
<td>120 Litre Wheel Bin Spill Kit</td>
</tr>
</tbody>
</table>

Wheel Bin Spill Kit 240L

Key Features:
- 240 litre capacity
- 150 x pads
- 6 x socks
- 10 x pillows
- 18 x bags & ties
- 1 x warning sign

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQP3025MA</td>
<td>240 Litre Wheel Bin Spill Kit</td>
</tr>
</tbody>
</table>

Polyethylene Workfloors

Key Features:
- 2 Drum workfloor has a 120 Litre sump capacity
- 4 Drum workfloor has a 240 Litre sump capacity

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQP3026MA</td>
<td>2 Drum Polyethylene Workfloor</td>
</tr>
<tr>
<td>EQP3027MA</td>
<td>4 Drum Polyethylene Workfloor</td>
</tr>
</tbody>
</table>

Spill Tray

Key Features:
- Lightweight industrial grade construction
- Unique textured “non-slip” grate

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQP3028MA</td>
<td>20 Litre Spill Tray C/W Grate</td>
</tr>
<tr>
<td>EQP3029MA</td>
<td>30 Litre Spill Tray C/W Grate</td>
</tr>
<tr>
<td>EQP3030MA</td>
<td>40 Litre Spill Tray C/W Grate</td>
</tr>
</tbody>
</table>

Drain Covers

Key Features:
- Dual hardness polyurethane laminate construction
- Compatible with oils, fuels, solvents and most chemicals
- Small cover dimensions 600mm x 600mm
- Large cover dimensions 900mm x 900mm

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQP3031MA</td>
<td>Polyurethane Drain Cover Small</td>
</tr>
<tr>
<td>EQP3032MA</td>
<td>Polyurethane Drain Cover Large</td>
</tr>
</tbody>
</table>
Brenntag UK Ltd in conjunction with the STA can offer you

STA Certificate in Swimming Pool & Spa Water Treatment

- Flexible pricing structure, based on delegate numbers (from 2 to 16)
- Courses available at your premises – No travel time or cost
- Excellent support from both Brenntag and STA
- One day Foundation Courses also available

For further details or to book your course, call or email

Damian Todd 07920 589488  damian.todd@brenntag.co.uk
Stuart Melville 07939 282331 stuart.melville@brenntag.co.uk
7.7 Where the Goods are collected from Brenntag by drum or other container, the Time of Delivery shall be when the Goods are lifted over the side of the Buyer's transporting vehicle.

7.4 Brenntag shall not be liable in respect of any loss incurred by the Buyer arising from any delay in delivery of the Goods or performance of any service.

7.5 Brenntag reserves the right in its absolute discretion to cancel any existing contracts or to suspend delivery of further Goods until the outstanding invoice[s] are settled.

6.5.2 Brenntag reserves the right in its absolute discretion to cancel any existing contracts or to suspend delivery of further Goods until the outstanding invoice[s] are settled.

6.5 In the event that any invoice is overdue then:-

6.4 Brenntag shall be entitled to charge the Buyer interest on any sums paid late under a Contract from the due date until the date of payment and claim compensation in accordance with the Late Payment of Commercial Debts (Interest) Act 1999 (as amended from time to time). Such interest shall be calculated on a daily basis after as well as before any judgment. In addition the Buyer will reimburse all costs and expenses (including but not limited to legal expenses incurred in the collection of any overdue amount).

6.3 Notwithstanding the provisions of Clauses 6.1 and 6.2 Brenntag reserves the right to cancel or suspend delivery of further Goods until the outstanding invoice[s] are settled.

6.2.6 These Conditions shall apply to any services that Brenntag supplies which are ancillary to the supply of the Goods to the maximum extent feasible.

6.2.5 Brenntag shall have the right to cancel or suspend delivery of further Goods until the outstanding invoice[s] are settled.

6.1 Brenntag shall pay Brenntag's invoice in full by the 20th day of the month following the month in which the invoice is issued by Brenntag and time of payment shall be of the essence of the Contract.

6.1 Brenntag shall be entitled to demand any monies owing by the Buyer to Brenntag and (without prejudice to any other right or remedy of Brenntag) forthwith become due and payable.

6.1 Brenntag shall be entitled to demand any monies owing by the Buyer to Brenntag and (without prejudice to any other right or remedy of Brenntag) forthwith become due and payable.

5.9 Risk of damage to or loss of the Goods shall pass to the Buyer at the time of delivery or, if later, at the time that the Buyer accepts delivery of the Goods.

5.8 The Buyer’s sole responsibility to check the Order Acknowledgement and to notify Brenntag forthwith after the receipt of the same.

5.7 Brenntag shall have the right to cancel or suspend delivery of further Goods until the outstanding invoice[s] are settled.

5.6 The Buyer shall not be entitled to or in any way change by way of security for any indebtedness any of the Goods which remain the property of Brenntag, but if the Buyer does so, all monies owing by the Buyer shall (without prejudice to any right or remedy of Brenntag) forthwith become due and payable.

5.5 The Buyer shall be entitled to demand any monies owing by the Buyer to Brenntag and (without prejudice to any other right or remedy of Brenntag) forthwith become due and payable.

5.4 The Buyer shall be entitled to cancel or suspend delivery of further Goods until the outstanding invoice[s] are settled.

5.3 Until such time as the property in the Goods passes to the Buyer, the Buyer shall hold the Goods as Brenntag’s fiduciary agent and bailee and shall keep the Goods separate from those of the Buyer and third parties and properly stored, protected, insured and identified as Brenntag’s property, but shall be entitled to resell or use the Goods in the ordinary course of its business.

5.2 Notwithstanding delivery and the passing of risk in the Goods, or any other provision of these Conditions, the property in the Goods shall not pass to the Buyer until Brenntag has received in cash or cleared funds payment in full for:- (a) the Goods; and (b) any other goods or services that Brenntag has supplied to the Buyer.

5.1 The property in the Goods shall pass to the Buyer at the time of delivery or, if later, at the time that the Buyer accepts delivery of the Goods.

4.1 Save as otherwise agreed in writing by Brenntag or as indicated in the Order Acknowledgement or any Special Conditions, the price of the Goods will be that prevailing at the Time of Delivery, stated in the Order Acknowledgement and in the invoice, or in the absence of a stated price, at the prices quoted by Brenntag at the Time of Delivery or otherwise to change any credit facility from time to time from time to time.

4.0 Prices

3.2 Each of the parties acknowledges that it is not entering into the Contract in reliance upon any representation, warranty, collateral contract or other assurance, provided that nothing in this clause 3.2 shall limit or exclude any liability for fraud.

3.1 All descriptions, illustrations and information contained in:- (a) Brenntag’s catalogues, websites, price lists, advertising matter and other publications; (b) labels attached or affixed to Brenntag's containers and packaging; and (c) any other collateral item relating to the Goods; shall be regarded as approximate only and to present merely a general idea of the goods described in them and shall not form part of the contract. The description shall not be deemed to be the basis of the contract regarding the Goods, unless, to the extent that the contrary is expressly agreed in writing by Brenntag.

3.0 Publications and Representations

2.1 Unless otherwise expressly agreed in writing by Brenntag every Contract shall incorporate and be governed in all respects by these Conditions and any Special Conditions which shall prevail over and exclude any provision to the contrary contained in any purchase order or other documentation to which the Buyer attaches any importance.

2.0 Definitions

1.12 To the extent of any conflict between these Conditions and the Special Conditions, the Special Conditions shall prevail. 1.18 Reference to any Clause is to a clause of these Conditions.

1.11 The headings are for convenience only and shall not affect the interpretation of this document or those Special Conditions;

1.10 The use of the plural shall include the singular and the use of the singular shall include the plural;

1.9 References to the masculine, feminine or neuter genders shall include each and every gender;

1.8 "Order" means an order placed for the Goods;

1.7 "Intellectual Property" means patents, registered and unregistered trademarks, registered designs, applications for any of the foregoing and the right to apply for any of the foregoing in any part of the world, confidential information, business names, brand names, copyright and rights in the nature of copyright and design rights and get up, know how, domain names, inventions, service marks, and database rights and rights likewise situated in the world.

1.6 "Order Acknowledgement" means the document entitled Order Acknowledgement generated by Brenntag and sent by post, fax or e-mail by Brenntag to the Buyer;

1.5 "Pump Over" means the transfer of bulk fluids from Brenntag’s transport into the Buyer’s storage facilities.

1.4 "REACH Compliance" means in relation to Goods in compliance with the requirements of REACH and "REACH Compliant" shall be construed accordingly.

1.3 "Safety Legislation" means the Health and Safety at Work etc Act 1974, the Consumer Protection Act 1987 and all regulations thereunder, the General Product Safety Regulations 1994 and all other legislation from time to time (including subordinate legislation and European and European Economic Area legislation to the effect that it has direct effect in member states) imposing legal requirements with respect to the Goods, the handling, transportation, storage or disposal of Goods or goods incorporating the Goods, and the health and safety of the users of the Goods;

1.2 "Contract" means any written or oral agreement or arrangement between Brenntag and the Buyer.

1.1 "Brenntag" means the Brenntag Group company referred to at the beginning of the Order Acknowledgement and if none then Brenntag UK Ltd (registered in England under number 05262170) whose registered office is at Wood House, Rawdon Park, Greenoak, Leeds, West Yorkshire, LS19 7XX.

1.0 In these Conditions:

"Order" means the document entitled Order Acknowledgement generated by Brenntag and sent by post, fax or e-mail by Brenntag to the Buyer;

"Buyer" means any person or persons, firm or firms, company or companies, authority or authorities who shall order or buy the Goods;

"Goods" means the goods or materials supplied or sold by Brenntag to the Buyer as specified in the Order Acknowledgement.

"Contract" means the contract or contracts entered into by or on behalf of any other party before the execution of the Contract. Each of the parties waives all rights and remedies which, but for this clause, might otherwise be available to it in respect to any such representation, warranty, collateral contract or other assurance, provided that nothing in this clause 3.2 shall limit or exclude any liability for fraud.

"Representation" means any representation, warranty, collateral contract or other assurance, provided that nothing in this clause 3.2 shall limit or exclude any liability for fraud.

"Late Payments" means any person or persons, firm or firms, company or companies, authority or authorities who shall order or buy the Goods.

"Intellectual Property" means patents, registered and unregistered trademarks, registered designs, applications for any of the foregoing and the right to apply for any of the foregoing in any part of the world, confidential information, business names, brand names, copyright and rights in the nature of copyright and design rights and get up, know how, domain names, inventions, service marks, and database rights and rights likewise situated in the world.

"Order" means an order placed for the Goods.

"Buyer's sole responsibility to check the Order Acknowledgement and to notify Brenntag forthwith after the receipt of the same.

"Time of Delivery" has the meaning given in Clause 7.5, 7.6, 7.7, 7.8 or 7.9 as the case may be.

"To the extent of any conflict between these Conditions and the Special Conditions, the Special Conditions shall prevail. 1.18 Reference to any Clause is to a clause of these Conditions.

"In this document and in any Special Conditions;"

"The headings are for convenience only and shall not affect the interpretation of this document or those Special Conditions;

"The use of the plural shall include the singular and the use of the singular shall include the plural;

"References to the masculine, feminine or neuter genders shall include each and every gender;"

"2.2 Brenntag’s quotation is not to be taken as an offer and no Contract shall take effect unless and until an Order Acknowledgement has been despatched by Brenntag to the Buyer."

"2.1 Unless otherwise expressly agreed in writing by Brenntag every Contract shall incorporate and be governed in all respects by these Conditions and any Special Conditions which shall prevail over and exclude any provision to the contrary contained in any purchase order or other documentation to which the Buyer attaches any importance.

"Order Acknowledgement" means the document entitled Order Acknowledgement generated by Brenntag and sent by post, fax or e-mail by Brenntag to the Buyer;

"Brenntag" means the Brenntag Group company referred to at the beginning of the Order Acknowledgement and if none then Brenntag UK Ltd (registered in England under number 05262170) whose registered office is at Wood House, Rawdon Park, Greenoak, Leeds, West Yorkshire, LS19 7XX.

"Brenntag’s sole responsibility to check the Order Acknowledgement and to notify Brenntag forthwith after the receipt of the same where the Goods are not properly stated in the Order Acknowledgement

"Order Acknowledgement" means any written or oral agreement or arrangement between Brenntag and the Buyer.

"Time of Delivery" has the meaning given in Clause 7.5, 7.6, 7.7, 7.8 or 7.9 as the case may be.

"To the extent of any conflict between these Conditions and the Special Conditions, the Special Conditions shall prevail. 1.18 Reference to any Clause is to a clause of these Conditions.

"In this document and in any Special Conditions;"

"The headings are for convenience only and shall not affect the interpretation of this document or those Special Conditions;

"The use of the plural shall include the singular and the use of the singular shall include the plural;

"References to the masculine, feminine or neuter genders shall include each and every gender;"
11. Where the Goods are handed to a carrier for carriage to the Buyer or to a United Kingdom port for export any port for such carrier shall be deemed to be an agent of Brenntag and not of the Buyer for the purposes of Sections 44, 45 and 46 of the Sale of Goods Act 1979.

12. The Buyer agrees that section 32(3) of the Sale of Goods Act 1979 shall not apply to Products sent by Brenntag.

13. The Buyer shall not be entitled to reject the Goods if Brenntag delivers up to and including 5% more or less than the quantity of Goods ordered.

8. CONTAINER AND PALLET

8.1 Brenntag shall be entitled to deliver the Goods by instalments. Each instalment shall be treated as if it constituted a separate and distinct contract between Brenntag and the Buyer.

8.2 The risk of loss of or damage to the Goods shall pass to the Buyer at the time and place agreed, whereupon the Buyer shall be responsible for insuring the Goods against loss or damage up to the time of delivery to the ultimate buyer.

9. SUITABILITY OF STORAGE AND OFFLOADING FACILITIES

Brenntag reserves the right to refuse to take delivery of the Goods if in its sole opinion the storage and offloading facilities proposed by the Buyer are inadequate or unsuitable. Where the Goods are delivered by Brenntag such delivery shall in no way constitute a commitment or representation by Brenntag as to the adequacy or suitability of the Buyer's storage or offloading facilities. The Buyer shall at all times be solely responsible and liable to ensure that the Buyer's storage and offloading facilities are adequate and suitable.

10. FAILURE TO ACCEPT DELIVERY WHEN TENDERED

10.1 Where any delay in delivery of the Goods is caused by the Buyer, Brenntag shall be entitled to charge the Buyer all proper costs arising out of such delay, including without limitation the cost of returning the Goods and re-shipping the Goods to Brenntag.

10.2 Where any delay in delivery of any services is caused by the Buyer, Brenntag shall be entitled to charge the Buyer all proper costs arising out of such delay, including without limitation the wasted cost of having men and materials ready to deliver the services.

11. FORCE MAJEURE AND DISHONOUR

11.1 In this Clause 11, “Force Majeure Event” means an event wholly beyond the reasonable control of the party claiming the benefit of the Clause (including its sub-contractors) including, without limitation, an act of God, war, riot, civil commotion, compliance with a law or governmental order, rule, regulation or direction, fire, flood, storm, riot, strike or other industrial action (including without limitation the withdrawal of any industrial action by the employees of the party claiming the benefit of the Clause), failure by any statutory undertaker, utility company, local authority or like body to provide services, any failure, shortage of power, fuel, raw material, Goods bought from third parties or transport, and any act or omission of any third party to the extent that performance of any obligation of the party claiming the benefit of the Clause relies thereon.

11.2 Neither party shall be under any liability to the other party in respect of any failure to perform or delay in performing any of its contractual obligations to the other party (other than an obligation to pay money) attributable to any Force Majeure Event and no such failure or delay shall be deemed for any purpose to constitute a breach of contract. The party seeking to take advantage of this Clause 11 shall:

11.2.1 give the other party notice as soon as reasonably practicable of the said Force Majeure Event; and

11.2.2 in due course to use its reasonable endeavours to overcome the said Force Majeure Event and to minimise the said failure or delay.

12. TERMINATION

12.1 Brenntag shall be entitled to terminate this Contract:

12.1.1 where the Buyer breaches any of its obligations to Brenntag under this Contract, and breaches of a nature which makes it impracticable or uneconomic for Brenntag to continue the Contract;

12.1.2 at any time if Brenntag reasonably apprehends that the Buyer will be unable to pay its debts as they fall due or is about to be wound up or made bankrupt or placed in liquidation or is in any way unable to pay its debts or is otherwise insolvent, or a court of competent jurisdiction makes an order for the winding up of the Buyer or an order for the appointment of an administrator or other protector of the property of the Buyer; or

12.1.3 where the Buyer directly or indirectly incurs or is threatened with the incurrence of any liability for tax or duty or any other liability or any costs or expenses (whether before or after judgment) in respect of any action, claim, suit or proceeding whatsoever which may be brought or may be pending or which may hereafter be brought against the Buyer by any person in respect of any Goods or services supplied or to be supplied by Brenntag; or

12.1.4 Brenntag reasonably apprehends that the Buyer will be unable to procure or obtain any materials or supplies which are necessary or desirable for the production, manufacture or sale of the Goods or the services to be provided to the Buyer; or

12.1.5 Brenntag reasonably apprehends that the Buyer is about to commence or continue any proceedings or any other act or omission which may result in proceedings being commenced against the Buyer;

12.1.6 the Buyer is in breach of any material provision of the Contract and fails to remedy such breach within thirty (30) days of a notice from Brenntag indicating the breach and requiring the Buyer to remedy the same.

12.2 Where Clause 12.1 applies, then, without prejudice to any other right or remedy available to Brenntag, Brenntag shall be entitled to cancel the Contract and suspend any further deliveries under the Contract without any liability to the Buyer.

12.3 Brenntag shall be entitled to terminate this Contract if and only if the Goods have been delivered but not paid for, the price shall become immediately due and payable notwithstanding any previous agreement or arrangement to the contrary.

12.4 If Brenntag terminates the Contract at any time not less than twenty four (24) hours before the time that the Goods are scheduled to leave Brenntag’s premises, provided always that where the Buyer excercises this right, the Buyer shall be liable to compensate Brenntag for costs incurred prior to receipt by Brenntag of notice of such termination. Brenntag may issue an invoice for such costs at any time after such notice of termination has been received.

13. BRENNTAG’S ENTIRE LIABILITY (INCLUDING ANY LIABILITY FOR THE ACTS AND OMISSIONS OF ITS EMPLOYEES, AGENTS OR SUB-CONTRACTORS) TO THE BUYER

13.1 Brenntag’s only responsibility shall be to deliver Goods in accordance with the relevant Brenntag specification or any formal written specification referred to in the relevant Order Acknowledgement, if the Buyer wishes an alternative specification the Buyer must raise that issue prior to the Contract being entered into and ensure that it is recorded correctly in the Order Acknowledgement.

13.2 Brenntag shall be responsible for ensuring that the Goods when supplied are in accordance with the specification as set out in Clause 13.1. Brenntag shall not be obliged to undertake any tests not provided for in the specification unless expressly by agreement of the parties. Brenntag shall not be liable for any contamination not envisaged by the specification.

13.3 Where the Goods are pre-packaged goods that are sold on by Brenntag in the same packaging as they are bought by Brenntag, then in place of Clauses 13.1 and 13.2 above, Brenntag’s only obligation shall be to use its reasonable endeavours to pass on to the Buyer the warranties given to Brenntag by the seller of the Goods to Brenntag.

13.4 Brenntag may, by giving written notice to the Buyer, vary the specification of the Goods at any time. The Buyer may terminate the Contract by giving notice promptly after receipt of any such notice.

14. WAIVER AND LIMITATION

14.1 Save as expressly provided in these Conditions or in any individual Contract, all terms, conditions and warranties implied by statute, common law or otherwise, howsoever arising, are excluded to the fullest extent permitted by law. The Buyer is solely responsible for satisfying itself and others as to the suitability of the Goods for any particular purpose and the Buyer acknowledges that it is relying solely on the Buyer's own skill and judgment and not Brenntag in determining such suitability. Brenntag warrants that the Goods will for the shelf life specified for the Goods, comply with that specification as set out in Clause 13.1 above. If no specification has previously been supplied to the Buyer, a specification will be supplied to the Buyer on request and Brenntag warrants that the Goods will comply with that specification.

14.2 The following provisions in this Clause 14 set out Brenntag’s entire liability (including any liability for the acts and omissions of its employees, agents or sub-contractors) to the Buyer in respect of:

14.2.1 a breach of Brenntag’s contractual obligations;

14.2.2 a tortious act or omission for which Brenntag is liable;

14.2.3 an action arising out of a misrepresentation made by or on behalf of Brenntag, arising in connection with the performance or contemplated performance of the Contract or out of an act done or omission made as a consequence of the entry into the Contract by Brenntag.

14.3 The total liability which Brenntag shall owe to the Buyer under a Contract and in respect of all claims shall not exceed the price of the Goods unless agreed otherwise by Brenntag and set out in the Order Acknowledgement or any Special Conditions. 14.4 Brenntag shall in no circumstances be liable to the Buyer for any:-

14.4.1 pure economic loss

14.4.2 loss of profit

14.4.3 loss of business

14.4.4 loss of contracts

14.4.5 loss of goodwill

14.4.6 indirect loss.

14.5 Brenntag’s attention is drawn to any specific disclaimers on the Order Confirmation and specification form(s) where the Goods are classified as material grade product.

14.6 The Buyer shall only be entitled to bring a claim against Brenntag where the Buyer issues legal proceedings against Brenntag within the period that is the lesser of (i) the shelf life of the Goods and (ii) the period of twelve (12) months commencing on the date upon which the Buyer ought reasonably to have known of its entitlement to bring such a claim.

14.7 The exclusion of liability referred to in this Clause 14 does not apply as to exclude or limit Brenntag’s liability for:-

14.7.1 death or personal injury resulting from the negligence of Brenntag, its servants or agents; or

14.7.2 loss or damage occurring to the Buyer under Part I of the Consumer Protection Act 1987;

14.7.3 breach of Brenntag’s implied undertaking as to title to the Goods contained in Section 12 of the Sale Goods Act 1979 or Section 2 of the Supply of Goods and Services Act 1982; save that nothing in this Clause 14 shall confer a right or remedy upon the Buyer to which the Buyer would not otherwise be entitled.

14.8 Brenntag’s remedies and limitations of liability set out in this Clause 14 shall be considered severable. The validity or unenforceability of any one paragraph or sub-paragraph of this Clause 14 shall not affect the validity or enforceability of any other part of this Clause 14.

14.9 The provisions of this Clause 14 shall survive the termination of the whole or a part of the Contract.

15. PRICING

Except where the Goods are specifically ordered in writing against samples supplied by Brenntag and the Order Acknowledgement expressly refers to those samples, any and all samples supplied by Brenntag are for illustrative purposes only. Where the Buyer requires an additional warranty that the Goods comply with such a sample, the Buyer must communicate the same to Brenntag prior to the issue of an Order Acknowledgement. The Order Acknowledgement shall refer to any additional warranty (in the form of an additional specification) to which Brenntag may agree.

16. INTELLECTUAL PROPERTY

16.1 Excluded from the definition of Goods are any Brenntag branded goods delivered against any claim for any defect, shortage, damage or loss to the Goods whilst in transit. If the Buyer fails to do so, the Goods shall be conclusively presumed to have been received and accepted by the Buyer without any claim for any defect, shortage, damage or loss.
18.2 In the event of a valid claim for defect, loss, damage, or non-compliance with the Contract or non-delivery, Brenntag undertakes at its option either to repair, reprocess or replace the items concerned as its expense but shall not be under any further or other liability in connection with such non-delivery, loss, damage or non-compliance. Any claim by the Buyer for breach of warranty shall only apply where any claim for any defect, shortage, damage or loss to the Goods is apparent on visual inspection.

19. HEALTH AND SAFETY AT WORK

19.1 Where required by law or available to Brenntag, Brenntag will supply safety data sheets and other information regarding the health and safety attributes of the Goods including (without limitation) those required under REACH.

19.2 The Buyer undertakes to comply with health and safety legislation. In particular but without limitation, the Buyer shall fully and effectively indemnify Brenntag against any costs, claims, losses, expenses and damages incurred by Brenntag or for which it may be liable due to or arising directly or indirectly out of -

19.2.1 an Unexpected Defect in the Goods;

19.2.2 a failure to use the Goods in accordance with the health and safety legislation or with the information regarding the health and safety attributes of the Goods supplied by or on behalf of Brenntag (whether such failure is on the part of the Buyer's employees, contractors or agents, or a third party to whom the Buyer has supplied the Goods);

19.2.3 a failure to comply with the Buyer's obligations under REACH;

19.2.4 any breach of the provisions of this Clause 19 by the Buyer.

19.3 The Buyer represents and warrants to Brenntag that it shall fully comply with its obligations under REACH and shall promptly provide to Brenntag such information as may reasonably be required from time to time in order for Brenntag to obtain and maintain REACH Compliance in respect of the Goods.

19.4 The Buyer will comply with health and safety legislation. In particular and without limitation, the Buyer shall fully and effectively indemnify Brenntag against any costs, claims, losses, expenses and damages incurred by Brenntag or for which it may be liable due to or arising directly or indirectly out of -

19.4.1 an Unexpected Defect in the Goods;

19.4.2 a failure to use the Goods in accordance with the health and safety legislation or with the information regarding the health and safety attributes of the Goods supplied by or on behalf of Brenntag (whether such failure is on the part of the Buyer's employees, contractors or agents, or a third party to whom the Buyer has supplied the Goods);

19.4.3 any breach of the provisions of this Clause 19 by the Buyer.

19.5 The Buyer shall promptly inform Brenntag of any incident of which the Buyer becomes aware in which the Use of the Goods has or may have given rise to risks to the health or safety of any person.

20. EXPORT SALES

20.1 Where required by law and available to Brenntag, Brenntag will supply safety data sheets and other information regarding the health and safety attributes of the Goods including (without limitation) those required under REACH.

20.2 The sale of the Goods is subject to the Incoterm (if any) stated in the Order Acknowledgement.

20.3 The Buyer will comply with health and safety legislation. In particular and without limitation, the Buyer shall fully and effectively indemnify Brenntag against any costs, claims, losses, expenses and damages incurred by Brenntag or for which it may be liable due to or arising directly or indirectly out of -

20.3.1 an Unexpected Defect in the Goods;

20.3.2 a failure to use the Goods in accordance with the health and safety legislation or with the information regarding the health and safety attributes of the Goods supplied by or on behalf of Brenntag (whether such failure is on the part of the Buyer's employees, contractors or agents, or a third party to whom the Buyer has supplied the Goods);

20.3.3 any breach of the provisions of this Clause 20 by the Buyer.

21. CONFIDENTIALITY

The Buyer and Brenntag undertake that they will not at any time hereafter use, divulge or communicate to any person, except to their professional representatives or advisers or as may be required by law or any legal or regulatory authority, any confidential information concerning the business or affairs of the other party which may in future come to their knowledge. The Buyer and Brenntag shall use their reasonable endeavours to prevent the publication or disclosure of any confidential information concerning such matters.

22. ENTIRE AGREEMENT

The Contract and these Conditions (together with all the other documents to be entered into pursuant to it) sets out the entire agreement and understanding between the parties relating to the matters contemplated by the Contract, and all conditions, terms and warranties, whether express or implied, are excluded if they are not expressly set out in the Contract.

23. ASSIGNABILITY

No party is entitled to assign the benefit or burden of the whole or any part of any Contract without the prior written consent of Brenntag. Brenntag may sub-contract the performance of its obligations as it sees fit, provided always that Brenntag shall remain responsible for the acts and omissions of its subcontractors.

24. WINNER

Save in respect of a waiver granted in writing, the failure of Brenntag at any time to enforce a provision of the Contract shall not be deemed a waiver of such provision or of any other provision of the Contract.

25. SEVERABILITY

If any provision in these Conditions or a Contract is determined by a Court or tribunal of a competent jurisdiction to be wholly or partly unenforceable for any reason -

25.1 such unenforceability shall not affect the rest of the Contract; and

25.2 the parties shall in good faith amend and if necessary novate the Contract to reflect as near as may be the spirit and intention behind such unenforceable provision or provisions so that the same comply with the law of that jurisdiction.

26. STATUTE

The Buyer and Brenntag acknowledge that these Conditions shall create any joint venture, agency or partnership between Brenntag and the Buyer.

27. VARIATIONS

Any amendment to any Contract or to these Conditions must be made in writing and signed by both parties and in the case of Brenntag by a director as shown on Brenntag's records at Companies House. Each party shall at its own cost do and execute, or arrange for the doing and executing of, each necessary act, document and thing reasonably requested of it by the other party to implement the Contract.

28. THIRD PARTY RIGHTS

The provisions of the Contract (Rights of Third Parties) Act 1999 shall not apply to the Contract and the Contract shall not confer any right on a third party under that Act or otherwise.

29. PROPER LAW

Every Contract to which these Conditions apply shall be construed and take effect in accordance with the laws of England and the parties hereby accept the exclusive jurisdiction of the English Court.