Laundry

Products for Professional and Hygienic Laundering
SEITZ Products

Highly concentrated – highly active – highly effective

Highest wash performance with the safest care for the articles being laundered, low energy expenditure and minimum charge of the waste water – these are the requirements that are demanded of a good detergent.

With our innovative product lines Mega Power Powder and Viva Power Fluid we offer you powder and liquid detergents formulated to perform together, or independently, with low optimum dosing levels.

When we developed these detergents, we intentionally aimed at formulating high-performing concentrates without the need for filler materials.

The advantages are evident:
Low dosage = Savings in packaging, storage and transportation – advantages that are indispensable in today’s market.

Mega Power Powder

The more variety of laundry you have to deal with, the more differentiation of detergents are required. Our powder product line includes: full wash, pre-wash, sole wash, basic wash, fine wash agents and highly effective specialty products.

The type of products to be used are matched to the type of laundry to be treated, assuring you of reliable soil-removal and top wash results, no matter what you process.

Viva Power Fluid

The “Viva Power Fluid” line includes liquid products which are instantly soluble and thereby immediately activate their full wash power. This is the best prerequisite for optimum economical dosage. We take great care that all our high-grade surfactants are carefully selected and biodegradable. The end-result is a constant, extremely high quality standard.

Hygiene Certification according to DGHM*, VAH* and RKI*

Hygienic cleanliness, fresh fragrance and comfortable wearing, these are the outstanding properties of textiles washed with SEITZ-Products. The products in the SEITZ catalogue which are listed and approved by DGHM, VAH and RKI, guarantee reliable germicide action for killing bacteria, fungi, yeasts and viruses (scope of action A and B). The innovative and equally approved application procedures result in a gentle wash and disinfection process by which existing micro-organisms and viruses are killed in the wash process. Despite the strong action, the natural ph-value of the textiles treated is preserved at the end of the wash process and skin irritations or allergic reactions are avoided.

Combined with these approved and certified procedures, our liquid and powder detergent programme is the perfect solution to meet the demands of modern hygienic Textile Care.

DGHM* (Deutsche Gesellschaft für Hygiene und Mikrobiologie),
VAH* (Verbund für angewandte Hygiene), RKI *(Robert-Koch-Institut)
### Detergents

#### Pre-wash detergent

**Mega Forte**  
Pre-wash powder and **alkali booster** for temperatures from 40 – 90 °C  
- Quick fibre-swelling without aggressive alkali  
- High dispersing capacity on pigment soil  
- Good wetting for quick penetration at the beginning of pre-wash  
- Suited for white and coloured textiles made from cotton and mixed fabric

#### Completely built detergents

**Mega Polis**  
Special **powder detergent** for mixed fabrics and synthetics  
- Excellent whiteness on all types of fibre material  
- Optimum greying inhibition  
- Eliminates traces of greying on mixed fabric and synthetic materials

**Mega Power**  
Completely built wash powder for chemo-thermal **laundry disinfection**  
- Disinfection according to §18 IfSG scope of action A and B in the **Viva Duox procedure** at 70 °C  
- High dispersing capacity on pigment soil

**Viva Pris**  
Liquid **basic detergent and booster** for temperatures from 40 – 90 °C  
- Quick fibre-swelling without aggressive alkali  
- Disinfection according to §18 IfSG scope of action A and B in the **Viva Duox procedure** at 60 °C (filed for registration approval)  
- High dispersing capacity on pigment soil  
- Excellent complexing capacity, also in case of heavy metals (Fe, Mn, Cu)  
- Suited for white and coloured textiles made from cotton and mixed fabric

**Viva Multi**  
Liquid neutral **detergent for universal use**  
- For coloured textiles and whites within the entire temperature range  
- Enables perfect soil removal and provides fabric with a high degree of whiteness and a pleasant fresh fragrance  
- Can also be used as a completely built, caring detergent for articles like washable outer garments, jeans, quilt jackets and similar textiles

**Viva Uni**  
Liquid **all-round detergent** for all temperatures  
- Without alkali  
- Particularly high enzymes component  
- Excellent dispersing capacity on grease- and pigment-bound soil  
- Excellent complexing capacity, also in case of heavy metals (Fe, Mn, Cu)

**Viva Alpha**  
Liquid **detergent** for all around use  
- Low alkalinity  
- High grease solubilising capacity  
- Enzyme like wash action  
- Effective over broad temperature range

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**Legend:**  
- **wash temperature**  
- **type of laundry**  
- **packing units**
## Detergents

### Full wash detergents

| **Mega Pur** | **Full wash detergent** for chemo-thermal laundry disinfection at 60 °C  
|             | • Disinfection according to §18 IfSG scope of action A at 60 °C  
|             | (filed for registration approval)  
|             | • Very good oxygen-based bleaching action due to TAED-system  
|             | • Extraordinarily high stain-solubilising power  
|             | • Suited for whites made from cotton and mixed fabric |

| **Mega Pur Extra** | **Full wash detergent** for temperatures from 40 – 90 °C  
|                    | • Good oxygen-based bleaching action  
|                    | • High stain-solubilising power  
|                    | • Excellent enzymatic action  
|                    | • Suited for whites made from cotton and mixed fabric |

### Detergents for delicate and coloured textiles

| **Mega Color** | Powder detergent for delicate and coloured textiles  
|               | for temperatures from 30 – 60 °C  
|               | • Without optical brighteners or bleaching agents  
|               | • With passive colour protection  
|               | • High fibre care  
|               | • For all coloured, pastel-coloured and delicate textiles |

| **Viva Color** | Liquid detergent for delicate and coloured textiles  
|               | for temperatures from 30 – 60 °C  
|               | • Without optical brighteners or bleaching agents  
|               | • With passive colour protection  
|               | • Suited for all coloured and delicate textiles |

| **Viva Sensitiv** | Completely built liquid detergent for all temperatures  
|                   | • Detergent for protective personal wear  
|                   | • Exempt from alkalis  
|                   | • Exempt from optical brighteners  
<p>|                   | • Especially suite for protective personal wear, fire brigade uniforms, garments with luminescent stripes |</p>
<table>
<thead>
<tr>
<th>Booster</th>
<th>Description</th>
<th>Temperature</th>
<th>Capacity</th>
</tr>
</thead>
</table>
| **Viva Combi** | Liquid albumin and grease solubiliser  
  - Removes grease-bound, albuminous and pigment-bound soil in the initial pre-wash phase  
  - Very high enzyme proportion  
  - Special combination of surfactants  
  - Exempt from alkali | 40 – 80 °C  | 20 kg  
  60 kg  
  200 kg  |
| **Viva Oleo** | Liquid grease solubiliser and wetting agent  
  - Highly active combination of surfactants for treating natural oils and grease  
  - Quick-wetting for reducing the pre-wash beginning phase  
  - Enhanced action in combination with Viva Zym  
  - Without alkali | 40 – 80 °C  | 20 kg  
  60 kg  
  200 kg  |
| **Viva Emuli** | Detergent booster, degreaser and wetting agent for natural oils and fats  
  - Designed for working flatwork and structured garments  
  - Designed for restaurants, kitchens and food establishments  
  - The optimum temperature range is between 45 °C – 70 °C. | 45 °C  
  60 °C  | 20 kg  
  200 kg  |
| **Viva Plex** | Liquid booster for pigment- and grease-bound soil  
  - Highly efficient removal of pigment soil  
  - Dispersion of all kinds of oil and grease  
  - Optimum greying inhibition  
  - Excellent complexation of water hardness | 40 – 80 °C  | 20 kg  
  60 kg  
  200 kg  |
| **Viva Pris** | Liquid basic detergent and booster for temperatures from 40 – 90 °C  
  - Quick fibre-swelling without aggressive alkali  
  - High dispersing capacity on pigment soil  
  - Excellent complexing capacity, also in case of heavy metals (Fe, Mn, Cu)  
  - Suited for white and coloured textiles made from cotton and mixed fabric | 40 °C  
  50 °C  | 25 kg  
  75 kg  
  250 kg  |
| **Viva Syntho** | Liquid booster for synthetic oils and greases  
  - Excellent active removal of industrial greases and oils  
  - Highly active emulsifier  
  - Anti-foaming  
  - Solvent-free | 40 °C  
  60 °C  | 20 kg  
  60 kg  
  200 kg  |
| **Viva Forte** | Highly alkaline basic detergent for 40 – 90 °C  
  - For white and coloured textiles made from cotton and mixed fabric  
  - Quick fibre-swelling  
  - High alkalinity which actively supports grease saponification  
  - High dispersion capacity in case of pigment soil and excellent complexing capacity in case of heavy metals (Fe, Mn, Cu) | 40 °C  
  60 °C  | 25 kg  
  75 kg  
  250 kg  |
## Bleaches

### Disinfectant bleaches

<table>
<thead>
<tr>
<th>Viva Duox</th>
<th>Liquid disinfectant and bleaching agent</th>
</tr>
</thead>
</table>
| ![Image](image1.png) | - Highly active disinfectant and bleaching agent based on peracetic acid  
  - Disinfection according to §18 IfSG scope of action A and B in the Viva Duox procedure at 60 °C (filed for registration approval)  
  - High efficiency due to excess of oxygen  
  - Low dosage and low processing cost |

<table>
<thead>
<tr>
<th>Viva Geniox</th>
<th>Liquid bleach and disinfectant agent</th>
</tr>
</thead>
</table>
| ![Image](image2.png) | - Highly active liquid oxygen bleach already from 30 °C  
  - Reliable disinfection at 40 °C  
  - Perfect cleanliness and hygiene  
  - Optimal bleaching and disinfectant agent for sensitive textiles  
  - Bactericide and fungicide action according to DIN EN 1276 and DIN EN 1650 |

<table>
<thead>
<tr>
<th>Viva Oxy</th>
<th>Liquid disinfectant agent and bleach</th>
</tr>
</thead>
</table>
| ![Image](image3.png) | - Highly active oxygen bleach based on peracetic acid  
  - Disinfection according to §18 IfSG scope of action A+B in the Viva Oxy procedure at 70 °C and according to VAH at 60 °C |

### Traditional bleaches

<table>
<thead>
<tr>
<th>Mega Chlor</th>
<th>Chlorine-based powder bleach</th>
</tr>
</thead>
</table>
| ![Image](image4.png) | - Best bleaching action at lowest dosage  
  - Optimum bleaching effect at 40 – 60 °C  
  - High storage stability |

<table>
<thead>
<tr>
<th>Mega Oxy</th>
<th>Oxygen-based powder bleach</th>
</tr>
</thead>
</table>
| ![Image](image5.png) | - Excellent bleaching action at 40 – 85 °C  
  - Can be combined with all types of detergents  
  - Low dosing quantities  
  - Reliable buffering of the bleach bath |

<table>
<thead>
<tr>
<th>Viva Chlor</th>
<th>Liquid chlorine-based bleach</th>
</tr>
</thead>
</table>
| ![Image](image6.png) | - Oxygen bleach based on sodium hypochlorite  
  - Optimum scope of action at 40 – 60 °C and with pH 10,5 |

<table>
<thead>
<tr>
<th>Viva Superox</th>
<th>Liquid bleaching agent</th>
</tr>
</thead>
</table>
| ![Image](image7.png) | - Hydrogen peroxide-based bleaching agent  
  - Effective bleaching and deodorant action  
  - Optimum temperature range at 60 – 80 °C  
  - Improves the whiteness degree of the laundry |
**Viva Geniox Procedure**

*Viva Geniox* – the innovative liquid oxygen bleach from SEITZ – is highly active at a temperature of 30 °C – reliable disinfection is reached at 40 °C.

In addition, the *Viva Geniox procedure* guarantees maximum protection of colours and fibres. Combined with *Viva Care*, even most delicate woolen articles can be care-washed with best results in wet-cleaning. Especially sensitive textiles, e.g. laundry from residents of old people’s homes and care institutions can now be washed and bleached in a care-wash process in wash-extractors and continuous batch (tunnel) washers at a temperature of 30 °C and then be disinfected at 40 °C.

Only the *Viva Geniox procedure* in combination with *Viva odo-Sorb* will give you the assurance that crucial laundry and sensitive textiles from hospitals and senior's care institutions will become hygienically clean with total fibre penetration and free from all tenacious and unpleasant odours.

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**Viva Oxy Procedure**

The *Viva Oxy procedure* is a special wash and disinfection process by which existing micro-organisms and bacteria are killed in the wash process.

This procedure is registered with the RKI at 70 °C – 10 minutes (scope of action AB) and with the VAH at 60 °C – 10 minutes. Despite the strong action, the natural pH-value of the textiles treated is preserved at the end of the wash process and skin irritations or allergic reactions can be avoided. The textiles washed are hygienically clean; they have a pleasant fresh fragrance and are comfortable to wear.

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**Viva Duox Procedure**

Innovative economic procedure for chemo-thermal laundry disinfection.

By the *Viva Duox procedure* developed in our laboratory and optimally tested you will enhance your wash quality and save resources. Ask for the chemo-thermal laundering and disinfecting procedure with our products *Viva Duox, Viva Pris* and *Mega Power*.

Even with lowest dosage, these products will guarantee you reliable germicide action. You will need only very small quantities, i.e. 1.5 g of *Viva Pris* per litre and 1.5 g of *Viva Duox* per litre of wash bath. In combination with *Viva Duox* and *Mega Power* you will need 1.7 g of *Viva Duox* per litre and 1.0 g *Mega Power* per litre of wash bath. The action time at 70 °C bath temperature is as short as only 10 minutes. Despite the low dosage of *Viva Duox*, best bleaching results are obtained, even without the addition of hydrogen peroxide.
# WETCLEANING – Special Cleaning & Finishing Solutions

## Sizing and finishing agents

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Viva Care</strong></td>
<td>Special liquid detergent for wool and silk</td>
<td>Active and passive fibre care, Protection against felting and shrinkage, Suitable for wet-cleaning, Ideal for care of sensitive garments</td>
</tr>
<tr>
<td><strong>Silk Finish</strong></td>
<td>Concentrated liquid post-treatment agent for silk and cotton</td>
<td>For handle improvement of textiles made from silk and dark-coloured cotton fabrics as well as for use in carpet wash and carpet gloss wash of oriental and silk carpets, Solution made from natural oils, surfactants and emulsifiers</td>
</tr>
<tr>
<td><strong>Viva Finish</strong></td>
<td>Liquid sizing for parts to be ironed and shaped</td>
<td>Excellent smoothing effect, Reduced creasing, Improved finish, Stabilization of the pH-value, To be used in the finishing bath</td>
</tr>
<tr>
<td><strong>Viva Top</strong></td>
<td>Liquid sizing for wet-cleaning</td>
<td>Provides a soft, elastic and voluminous handle, Optimum fibre care, Prevents felting and shrinkage, Reduced ironing and steam-finishing operations, To be used in the finishing bath</td>
</tr>
</tbody>
</table>

## Finishing Agents

### Starches

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mega Starch</strong></td>
<td>Native powder starch</td>
<td>Reliable starching effect, Appealing gloss of the treated textiles, Can be used without problem in all ironing systems, Easy to dose, To be used in the finishing bath</td>
</tr>
<tr>
<td><strong>Viva Starch</strong></td>
<td>Liquid starch, suited for ironers</td>
<td>Best starching effect at lowest dosage, Excellent ironer capacity, Polymer-based synthetic starch, Very good storage ability, To be used in the finishing bath</td>
</tr>
<tr>
<td><strong>Viva Nasta</strong></td>
<td>Liquid native starch</td>
<td>Pleasant handle and shape, Silky gloss, No formation of cloudyly marks, Excellent mangling capacity</td>
</tr>
</tbody>
</table>
## Softener

<table>
<thead>
<tr>
<th>Viva Soft</th>
<th>Liquid softener</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Pleasant soft and elastic handle</td>
</tr>
<tr>
<td></td>
<td>• Improved gliding properties in pressing and ironing</td>
</tr>
<tr>
<td></td>
<td>• No water repellent action</td>
</tr>
<tr>
<td></td>
<td>• Appealing fresh fragrance</td>
</tr>
<tr>
<td></td>
<td>• To be used in the finishing bath</td>
</tr>
</tbody>
</table>

## Dye suspender

<table>
<thead>
<tr>
<th>Preventer</th>
<th>Concentrated wash treatment support product with high-coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Prevents re-deposition of loose dye pigments during Wet Cleaning processes</td>
</tr>
<tr>
<td></td>
<td>• Bath temperature of 15 °C gives optimum results</td>
</tr>
<tr>
<td></td>
<td>• Bath temperatures above 25 °C must be avoided</td>
</tr>
<tr>
<td></td>
<td>• It is resistant to water hardness as well as acid and but lye conditions must be avoided</td>
</tr>
</tbody>
</table>

## Water repellent agents

<table>
<thead>
<tr>
<th>Viva Protect</th>
<th>Emulsion for oil and chemicals repellent finish</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Fluorocarbon resin with reticulation</td>
</tr>
<tr>
<td></td>
<td>• Best protection at 30 – 40 °C</td>
</tr>
<tr>
<td></td>
<td>• Very good finishing properties</td>
</tr>
<tr>
<td></td>
<td>• Preserves active cellular breathing of membranes and textiles</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Viva Optex</th>
<th>Special repellent finishing for regeneration of the water- and alcohol-repellency of operation theatre textiles</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• In suitable wash procedures, Viva Optex offers permanent wash results.</td>
</tr>
<tr>
<td></td>
<td>• Improvement of fabric protection in several use</td>
</tr>
<tr>
<td></td>
<td>• The product has also excellent action on textiles which are already in use.</td>
</tr>
</tbody>
</table>

## Neutralizers

<table>
<thead>
<tr>
<th>Viva Acet</th>
<th>Liquid citric acid-based acidifying agent</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Optimum buffering of the pH-value in case of longer operation</td>
</tr>
<tr>
<td></td>
<td>• Non-hazardous handling</td>
</tr>
<tr>
<td></td>
<td>• To be used in the last rinse</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Viva Cisco</th>
<th>Neutralization conditioner</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Improved mangles and finishing quality</td>
</tr>
<tr>
<td></td>
<td>• Excellent anti-creasing effect</td>
</tr>
<tr>
<td></td>
<td>• Optimum buffering of the pH-value during longer service time</td>
</tr>
<tr>
<td></td>
<td>• Non-hazardous handling</td>
</tr>
</tbody>
</table>
**Special products**

<table>
<thead>
<tr>
<th>Product</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
</table>
| **Viva Bac**  | Liquid conservation agent| • Active against bacteria, fungi and yeasts  
• Reliably prevents re-contamination  
• To be used in the rinsing zone and in storage tanks |
| **Viva Brillant** | Liquid additive for enhancing whiteness | • Optimum whiteness degree with minimum dosage  
• Can be combined with all detergents  
• To be used for all kind of whites |
| **Viva odoSorb** | Liquid odour-neutralizer | • Reliably eliminates unpleasant odours  
• Contains water-soluble active substances  
• Can be used in the wash or rinse bath according to procedure  
• For all kind of textiles |
| **Viva Relax** | Hydrophilic textile refining agent | • Higher dehydration capacity  
• Shorter drying time resulting in energy saving  
• Elevated wearing comfort  
• Fluffy handle and high absorption capacity |

**SEITZ Disinfectants**

Our offer of disinfectants would go beyond the framework of this brochure. Please ask for our Surface Brochure in which you will find many of our innovative and highly active cleaning and disinfecting products either for hands (Destec Bavcid Hand), or surfaces (Destec Bavcid Go - Ready to use) or floor (Destec Bavcid Floor - concentrate). All our disinfectant products are listed with VAH and have proved their effectivity in daily use.
Total service from one source

Our understanding of service consists in being at your side as a competent partner, knowledgeable about all aspects of the laundry operation: dosage, filtration, bath cycles, nature of water, lye regeneration, waste water treatment, operational output, legal requirements and formulas, just to name a few issues. An ample and precise analysis of your business the basis for elaboration and installation of individual custom-made wash processes.

Regular checks of the water and the wash baths will be carried out at site in order to survey the wash process. Apart from determination of the pH-value, the total alkalinity, the active oxygen content and, if required, the chlorine content, we will regularly check the fresh-water supply and the waste-water. All analyses and results will be evaluated and supported by documentation so that, step by step, laundry processes can be optimized to permanently obtain the highest wash results at favourable cost levels.

We are the competent partner for you – both for optimum adjustment of the dosing system adapted to your individual requirements and for supplying you with the relevant documentation.

Laundry is such a complex business for which we offer you our total service, which you can rely on at any time and without restriction. No matter whether on site, on the phone or on-line – we are at your disposal and will guide you to your success!
ASSURE SAFE USE OF BIOCIDES,
ALWAYS READ LABELLING AND PRODUCT INFORMATION PRIOR TO USE!