

Peracetic acid based, liquid concentrate for machines, equipment and surfaces disinfection.

## bactipal® 2,5

### Our Plus

- Does not contain any colorants or perfume
- Residue-free after rinsing
- Non-foaming
- Process control by conductivity measurement
- Complete spectrum of microbiological activities
- Activity against mineral deposits

### Application areas

bactipal® 2,5 is a peracetic acid based, fast-acting disinfectant that can be controlled by conductivity measurement. It is particularly suitable for the disinfection of equipment, machine parts and surfaces for example in the food and pharmaceutical industries.

### Instructions for use

Use disinfectants safely. Always read the label and product information before use. For professional use only. Read Safety data sheet before use. Please ensure compatibility of materials and instruments with peracetic acid. Pre-clean surfaces to be disinfected.

The concentration of the use solutions are dependent on the specific requirements of the particular application. Use concentrations usually are in the range of 1% to 5%.

Concentration of the use solution can be controlled via conductivity measurements.

The following values apply at 19 °C in distilled water:

- Concentration of 1.0 % - conductivity measurement of 4.49.
- Concentration of 2.0 % - conductivity measurement of 8.57.

**Instruction for manual application:** prepare the working solution by filling drinking quality water into a tub or bucket. Add the concentrate product in the desired proportion into the water and stir gently. Wipe or spray the precleaned surfaces with the disinfectant solution.

**Instruction for automatic application:** prepare the working solution by using appropriate compatible automatic dosage equipment. Dose it into the circulation system or into the soaking system to be disinfected. Ensure complete wetting of the surfaces and allow to take effect.

At the end of the recommended contact time, rinse surfaces with an adequate quantity of drinking quality water.

### Microbiological efficacy

| Efficacy                                      | Concentration   | Contact time |
|---|-----------------|--------------|
| <b>bactericidal</b><br><i>EN1276, EN13697</i> | 1 % (10 ml/l)   | 5 min.       |
| <b>fungicidal</b><br><i>EN1650, EN13697</i>   | 2.5 % (25 ml/l) | 15 min.      |
| <b>virucidal</b><br><i>EN14476</i>            | 5 % (50 ml/l)   | 15 min.      |
| <b>sporicidal</b><br><i>EN13704</i>           | 1.5 % (15 ml/l) | 5 min.       |



# bactipal<sup>®</sup> 2,5

## Product data

### Active ingredients:

100 g contain: 2.7 g peracetic acid [CAS n° 79-21-0]

Other ingredients: hydrogen peroxide, acetic acid, nitric acid.

### Chemical-physical data

|                    |                                 |
|--------------------|---------------------------------|
| Color              | colourless                      |
| Density            | 1,132 g/cm <sup>3</sup> / 20 °C |
| Flash point        | > 105 °C                        |
| Form               | liquid                          |
| pH                 | 1,9 / 10 g/l / 20 °C / in water |
| Viscosity, dynamic | 1,26 mPa*s / 20 °C              |

## Special advice

**Safety: DANGER: Oxidizing, corrosive and irritant product, harmful for the environment - always refer to the product label and the Safety Data Sheet before use.**

### Compatibility:

bactipal<sup>®</sup> 2,5 is compatible with stainless steel, PTFE, PVDF, HDPE, PP, Viton, glass, etc.

bactipal<sup>®</sup> 2,5 is not suitable for use on regular steel, copper and alloys and only partially suitable (up to 20 minutes at temperatures below 30 °C) for use on aluminum alloys.

When applied on stainless steel at higher temperatures (> 60 °C) ensure that the contact time does not exceed 5 minutes. BGVB4 For the Storage: Organic peroxides (Storage class OP IV). **Storage and disposal:** Recommended storage temperature 5 - 30 °C. Do not use bactipal<sup>®</sup> 2,5 undiluted.

Store and use only in well-ventilated area. Do not mix with other products. Do not use after expiry date. Always close canister tightly after removal of product. Canister with venting cap. Do not keep the venting cap sealed. Store in upright position only. Store at ambient temperature in the original canister. Protect from heat and sunlight. Do not store with alkaline products. Never return used product into the original canister. Do not reuse empty container. Dispose of the product as hazardous waste including packaging in compliance with local and national regulations.

## Information for order

| Item                    | Delivery form | Item no.   |
|-------------------------|---------------|------------|
| bactipal 2,5 1000 kg EC | 1/Container   | on request |
| bactipal 2,5 20 l KA    | 1/Canister    | on request |

These products are not available in every country. For more information please contact our local subsidiary or distributor.

## Environmental information

schülke manufactures products economically and with advanced, safe and environmentally friendly production processes while at the same time maintaining out high quality standards.



Schülke & Mayr GmbH holds a Manufacturer's Authorisation according to sect 13 para 1 German Drug Law and Certificates of GMP Compliance for medicinal products.

Manufacturer  
Bioaxl  
ZI Sud Secteur A  
Route des Varennes  
71100 Chalonsur Saône  
France

schülke Headquarters  
Schülke & Mayr GmbH  
Robert-Koch-Str. 2  
22851 Norderstedt, Germany  
Phone +49 40 - 52100 - 0  
Fax +49 40 - 52100 - 318  
www.schuelke.com  
info@schuelke.com

## Expert opinion and information

Please visit our website for an overview of all available literature/reports on the product: [www.schuelke.com](http://www.schuelke.com).

For individual questions:

Customer Sales Service

Phone: +49 40 52100-666

E-Mail: [info@schuelke.com](mailto:info@schuelke.com)