

## BIOCIDE information

Dear partner of RUDOLF GmbH,

The  
new **Biocidal Products Regulation**  
("BPR", EU Regulation No. 528/2012)  
has become effective on **1<sup>st</sup> of September 2013**.

This regulation, which is valid for the whole European Union, regulates "the use of biocides as well as their putting into circulation". This includes "biocides" and "articles treated" with a biocide.

Article **58 (BPR)** requires the following 2 points:

1. According to article 9 (2) (BPR) only registered biocidal substances may be used.  
The biocidal substances belonging to product type (PT) 9, "Protective agents for fibres, leathers, rubber or polymerised materials", which are used in our products, are currently undergoing an examination programme for existing active substances of the BPR. You will find these substances in the "List of participants and applicants whose dossiers are being examined under Regulation (EC) No. 1451/2007".

The products and their respective biocidal substances are listed in the table below:

| Subbrand                         | Function/Productt                                                                    | Biocidal substance according to Article 95 list                 |
|----------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| <b>PRISTINE™ PRO SILVERPLUS®</b> | <b>Antimicrobial protective finishing of textiles:</b><br>RUCO-BAC® AGP / AGL        | Silver chloride                                                 |
| <b>PRISTINE™ V</b>               | <b>Antiviral function on textiles:</b><br>RUCO-BAC® AGP                              |                                                                 |
| <b>PRISTINE™ PRO</b>             | <b>Antimicrobial protective finishing of textiles:</b><br>RUCO-BAC® ROX              | Free radicals and reactive oxygen species generated in situ.    |
| <b>PRISTINE™ V</b>               | <b>Antiviral function on textiles:</b><br>RUCO-BAC® ROX                              |                                                                 |
| <b>PRISTINE™ PRO</b>             | <b>Antimicrobial protective finishing of textiles:</b><br>RUCO-BAC® HSA CONC         | Dimethyltetradecyl [3-(trimethoxysilyl)propyl]ammonium chloride |
| <b>PRISTINE™ PRO</b>             | <b>Antimicrobial protective finishing of textiles:</b><br>RUCO-BAC® CID OF / CID OEN | 2-octyl-2H-isothiazol-3-one                                     |
| <b>PRISTINE™ PRO</b>             | <b>Antimicrobial protective finishing of textiles:</b><br>RUCO-BAC® ZPY              | Zinc-pyrithione                                                 |

For products containing these biocidal substances the current national legal provisions will be valid until ECHA (European **C**hemicals **A**gency) has evaluated them. When these active substances of the product type PT 9 will be evaluated is currently not foreseeable, but is expected to take place in a few years only. Then too, **RUDOLF GmbH** Geretsried will ensure the conformity of the above-mentioned biocidal substances with the BPR.

2. Since 1 September 2013, textiles which are finished with a biocide will have to be labelled accordingly. This means that the following information (in the respective language of the country, where the goods are to be sold) will have to be firmly fixed to the goods (e.g. with a **RUDOLF** label):
- a) A declaration stating that the treated goods (= textile) contain biocides;
  - b) An indication of the antimicrobial protective finish of the treated goods (= textile);
  - c) Naming all biocidal substances present;
  - d) Naming all nanomaterials contained in the treated goods, followed by the word "nano" in brackets.

Note:

Not applicable for **RUCO-BAC®** products.

You will find the latest versions of RUDOLF labels on our [website](#).

For questions please contact either Product Safety ([doris.christl@rudolf.dcom](mailto:doris.christl@rudolf.dcom)) or the Product Management of the Textile Division ([stephan.mueller@rudolf.com](mailto:stephan.mueller@rudolf.com)).

**RUDOLF GmbH**  
Altwaterstraße 58 - 64  
82538 Geretsried / GERMANY

Tel: +49 81 71 53-0  
E-mail: [info@rudolf.com](mailto:info@rudolf.com)  
Website: [rudolf.com](http://rudolf.com)