

Disclaimer

RUCO-BAC® series

The **RUCO-BAC®** series are antimicrobial active products. As with other antimicrobial products, the chemical basis is not crucial for its classification as biocide. However, marketing attributes of such a product (such as antimicrobial, antibacterial, bacteriostatic, amongst others) are decisive. These marketing attributes as well as the positioning of the customers' final articles in the respective consumer market are crucial for substrates functionalised with **RUCO-BAC®** products.

Due to the fact that the use of articles finished with **RUCO-BAC®** products can vary extremely, the customer of **RUCO-BAC®** series himself should examine, test and conduct marketing research - despite the information, recommendations, test results, sample, care, labelling and processing instructions as well as marketing advice provided by **RUDOLF**. Therefore, every customer of **RUCO-BAC®** is responsible for his own specific use, further processing, labelling, marketing (see above-mentioned marketing attributes) etc. of substrates finished with **RUCO-BAC®** products. **RUDOLF - Rudolf GmbH** as well as its respective national subsidiaries, representations, etc. - does not assume any guarantee and/or liability for consequences of examinations and tests or similar omitted by the customer. Furthermore, **RUDOLF** does not assume any liability for non-authorised additional formulations of **RUCO-BAC®** products.

RUCO-BAC® products are a non-medical products. It is not designed or approved for the direct internal or external use on humans, animals or plants. This means that it must neither be taken directly (e.g. in form of drops) nor be applied directly onto the body (e.g. in form of creams, lotions), nor be recommended for this field of application. Moreover, **RUCO-BAC®** is not approved for food contact materials. It is explicitly warned against the claim of an antimicrobial effect on other surfaces due to a fabric treated with **RUCO-BAC®** products. Depending on the respective national, European, federal or similar legalisation, that means that this textile article turns itself a biocide and has to be separately authorised as biocidal-active product.

RUCO-BAC® products are marketed worldwide. The claims, attributes and statements in this brochure serve as general information and orientation. Due to possibly varying national, European, federal or similar legislation, not all information given in this brochure will be valid in all countries.

In some cases, the respective national legislation may restrict the fields of application and technical claim of **RUCO-BAC®**. The customer has to check this individually and assume the responsibility.

RUCO-BAC® must only be used and marketed in accordance with the official local agencies' directives and the specifications on their labels. Depending on the legislation applied in the respective country, substrates finished with **RUCO-BAC®** products have to be registered or authorised by the responsible local agency. **RUDOLF - Rudolf GmbH** as well as its respective national subsidiaries, representations etc. - does not assume liability, if substrates finished with **RUCO-BAC®** products have not been authorised or registered. The responsibility lies exclusively with the person distributing substrates finished with **RUCO-BAC®**.

Specific information for the USA and Canada.

In the USA and Canada, there exist special regulations for articles treated with a biocidal-active substance.

In case of questions on restrictions and requirements in the USA, we recommend to engage a consultant. **RUDOLF** recommends the following U.S. consultancy:

TSG Consulting
1150 18th Street NW, Suite 1000
20036 Washington, DC / USA

Tel: +1 202 828 8966
www.tsgconsulting.com

Extract of TSG's (Technology Sciences Group Inc., Washington, DC) information „Regulation of Treated Articles for the U.S. Market“

Every product sold in the United States and advertising with the control and reduction of pests including micro-organisms has to be registered by the U.S. Environmental Protection Agency (EPA). Nevertheless, EPA is exempting articles treated with antimicrobial preservatives (such as **RUCO-BAC® CID OF**) from the registration requirement, if the claims on the labels of treated articles are restricted to the article's preservation itself and do not refer to the consumer's protection against pathogenic organisms.

EPA accepts non-public health claims as specified in **PR Notice 2000-1** (Pesticide registration notice), http://www.epa.gov/PR_Notices/pr2000-1.pdf.

Examples for **acceptable** non-public health **claims** are,

- to inhibit the growth of odour causing bacteria
- to inhibit the growth of mildew causing product deterioration

Examples for **non acceptable claims** are:

- antibacterial, bactericidal, germicidal
- controls both gram positive and negative bacteria

In Canada, **RUCO-BAC® AGP**, **RUCO-BAC® AGL**, **RUCO-BAC® ROX**, **RUCO-BAC® HSA CONC**, **RUCO-BAC® CID OF** and **RUCO-BAC® ZPY** are not registered by PMRA (Pest Management Regulatory Agency, Canada). Hence, the use of **RUCO-BAC® products and marketing of textiles treated**

Overview RUCO-BAC® series

Subbrand	Function / Product
PRISTINE™ PRO / SILVERPLUS® PRISTINE™V	Antimicrobial protective finishing of textiles: RUCO-BAC® AGP / AGL Antiviral function on textiles: RUCO-BAC® AGP
PRISTINE™ PRO PRISTINE™V	Antimicrobial protective finishing of textiles: RUCO-BAC® ROX Antiviral function on textiles: RUCO-BAC® ROX
PRISTINE™ PRO	Antimicrobial protective finishing of textiles: RUCO-BAC® HSA CONC
PRISTINE™ PRO	Antimicrobial protective finishing of textiles: RUCO-BAC® CID OF / CID OEN
PRISTINE™ PRO	Antimicrobial protective finishing of textiles: RUCO-BAC® ZPY