



## NEW VS OLD

Introducing IDactiv - the new instrument disinfectant solution from Bossklein. Developed to replace legacy product, Bossklein Instrument Disinfectant, which has been on the market for over 20 years.

The brand new IDactiv formula has been designed to be more effective against a wider range of micro-organisms, safer for the end user to handle, and compatible with the widest range of materials possible.

Below we will compare the main headline differences between the old and the new products.

# IDactiv

## Instrument Disinfectant

## HIGHLIGHTS

- Bossklein IDactiv is much less hazardous to handle and use
- IDactiv contains no Polyhexamethylene biguanide hydrochloride (PHMB)  
PHMB is a chemical banned in EU for personal care products and expected to be banned in medical devices/biocides
- New mild fresh aroma is pleasant and not overpowering
- Tested to EN21530 for a much greater list of officially compatible materials

*SAFER  
KINDER  
STRONGER*



**OLD**



**NEW**

|                         |  |   |
|-------------------------|--|---|
| Name                    | Instrument Disinfectant Concentrate  | IDactiv Instrument Disinfectant   |
| Variants                | BKINS01: 1 Litre Dispenser<br>BOS9786: 2 Litre Bottle<br>BOS9787: 5 Litre Container  | BOS9842: 1 Litre Dispenser<br>BOS9841: 2 Litre Bottle<br>BOS9843: 2.5 Litre Bottle<br>BOS9840: 5 Litre Container  |
| Composition             | Aqua, Benzalkonium chloride, Didecylidimethyl ammonium chloride, Propan-2-ol, Benzotriazole, Polyhexamethylene Biguanide Hydrochloride, Hydroxyethylcellulose, Cocamidopropyl betaine, Parfum, C.I. 44045.   | Aqua, N-(3-Aminopropyl)-N-Dodecylpropane-1,3-Diamine, N,N-Didecyl-N-Methyl-Poly(Oxyethyl)Ammonium Propionate, Alcohols, C9-11, Ethoxylated, Tetrasodium N,N-Bis(Carboxylatomethyl)-L-Glutamate, Monoethanolamine, Corrosion Inhibitor, Aroma, Dye.  |
| Instructions for use    | Add 20ml ± 1ml to 980ml of clean water (2% solution). Soaking time: 15 minutes. Do not exceed this recommended soaking time. After disinfection, rinse instruments thoroughly with RO or distilled water prior to further processing and sterilisation. For professional use only. | Add 20ml ± 1ml to 980ml of clean water for a 2% solution, 40ml ± 1ml to 960ml for a 4% solution. To achieve full efficacy use a 4% solution for a 60 minute soaking time. After disinfection, rinse instruments thoroughly with RO or distilled water prior to further processing and sterilisation. Follow the reprocessing instructions from the instrument manufacturer. Change the solution daily. For professional use only. |
| Aroma                   | Strong geranium/lavender   | Mild fresh  |
| Colour                  | Blue liquid  | Green liquid  |
| Hazard Classification   | Skin Corr. 1B: H314; Aquatic Acute 1: H400; Aquatic Chronic 2: H411; -: EUH208; Aquatic Chronic 1: H410  | Eye Dam. 1: H318; Aquatic Chronic 1: H410; Skin Irrit. 2: H315  |
| Transport packing group | II   | III   |
| Material compatibility  | Incompatible with Aluminium and Copper   | EN21530: Stainless Steel 304, Stainless Steel 316, Stainless Steel 410, Stainless Steel 420, Stainless Steel 440, Acrylic glass, Carbon Steel, HDPE, Silicone rubber, Aluminium*, Titanium.   |

\* Do not leave immersed for more than 24 hours



# Bossklein®

# IDactiv

## Instrument Disinfectant



### OLD

### NEW

#### Efficacy Spectrum

| <b>Bactericidal</b>     | <b>2% 20ml/1L</b> | <b>15 min</b> |
|-------------------------|-------------------|---------------|
| Pseudomonas aeruginosa  | 2% 20ml/1L        | 15 min        |
| Staphylococcus aureus   | 2% 20ml/1L        | 15 min        |
| Enterococcus hirae      | 2% 20ml/1L        | 15 min        |
| Salmonella typhimurium  | 2% 20ml/1L        | 5 min         |
| Legionella pneumophila  | 2% 20ml/1L        | 5 min         |
| <b>Yeasticidal</b>      | <b>2% 20ml/1L</b> | <b>15 min</b> |
| Candida albicans        | 2% 20ml/1L        | 15 min        |
| <b>Viruses</b>          |                   |               |
| HIV                     | 2% 20ml/1L        | 5 min         |
| Hepatitis C virus (HCV) | 2% 20ml/1L        | 2 min         |
| Human influenza B Virus | 2% 20ml/1L        | 5 min         |

| <b>Bactericidal</b>          | <b>2% 20ml/1L</b> | <b>15 min</b> |
|------------------------------|-------------------|---------------|
| Pseudomonas aeruginosa       | 2% 20ml/1L        | 15 min        |
| Staphylococcus aureus        | 2% 20ml/1L        | 15 min        |
| Enterococcus hirae           | 2% 20ml/1L        | 15 min        |
| E. coli                      | 2% 20ml/1L        | 15 min        |
| Salmonella typhimurium       | 2% 20ml/1L        | 15 min        |
| MRSA                         | 2% 20ml/1L        | 15 min        |
| Legionella pneumophila       | 2% 20ml/1L        | 15 min        |
| <b>Yeasticidal</b>           | <b>2% 20ml/1L</b> | <b>15 min</b> |
| Candida Albicans             | 2% 20ml/1L        | 15 min        |
| <b>Enveloped Viruses</b>     | <b>2% 20ml/1L</b> | <b>15 min</b> |
| Vaccinia Virus               | 2% 20ml/1L        | 15 min        |
| Hepatitis B virus (HBV)      | 2% 20ml/1L        | 15 min        |
| Hepatitis C virus (HCV)      | 2% 20ml/1L        | 15 min        |
| Hepatitis Delta virus (HDV)  | 2% 20ml/1L        | 15 min        |
| HIV                          | 2% 20ml/1L        | 15 min        |
| Human T Cell Leukemia Virus  | 2% 20ml/1L        | 15 min        |
| Measles Virus                | 2% 20ml/1L        | 15 min        |
| Influenza Virus              | 2% 20ml/1L        | 15 min        |
| Coronavirus                  | 2% 20ml/1L        | 15 min        |
| Herpesviridae                | 2% 20ml/1L        | 15 min        |
| Filoviridae (Ebola)          | 2% 20ml/1L        | 15 min        |
| Rubella Virus                | 2% 20ml/1L        | 15 min        |
| Rabies Virus                 | 2% 20ml/1L        | 15 min        |
| Flavivirus                   | 2% 20ml/1L        | 15 min        |
| Poxviridae                   | 2% 20ml/1L        | 15 min        |
| <b>Non-Enveloped Viruses</b> |                   |               |
| Adenovirus 5                 | 4% 40ml/1L        | 30 min        |
| Norovirus                    | 4% 40ml/1L        | 30 min        |
| <b>Mycobactericidal</b>      | <b>4% 40ml/1L</b> | <b>60 min</b> |
| Mycobacterium avium          | 4% 40ml/1L        | 60 min        |
| <b>Tuberculocidal</b>        | <b>4% 40ml/1L</b> | <b>60 min</b> |
| Mycobacterium terrae         | 4% 40ml/1L        | 60 min        |

#### Test Standards

EN 14885, EN 14562, EN 14561, EN 14476, EN 13727, EN 13624

EN 14885, EN 14561, EN 14562, EN 14563, EN 14476, EN 14348, EN 13727, EN 13624, EN 21530

## HIGHLIGHTS

- Bossklein IDactiv features a much more comprehensive effective spectrum
- All enveloped viruses are killed in 15 mins, including Coronavirus
- Now effective against Adenovirus and Norovirus with the use of a 4% concentration
- New test standards achieved. Including EN 14348 - proven effectiveness against Tuberculosis

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Complete hygiene solutions

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