

## NEW VS OLD

The brand new Bossklein Zero formulation has been developed to replace the outgoing Bossklein Alcohol Free Surface Disinfectant formula that has been used for the past 10 years+ in both Bossklein Alcohol Free V-Wipes and Sprays.

The revised formula takes advantage of modern, safer and greener chemical components to create a more simple and effective product for the end user to utilise in the ongoing daily fight against infection.

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



# SDactiv<sup>ZERO</sup>

## Surface Disinfectant

### ALCOHOL FREE

## HIGHLIGHTS

- Bossklein SDactiv ZERO contains a detergent derived from renewable resources
- New apple aroma of the ZERO formula is subtle and not overpowering
- ZERO 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
- SDactiv ZERO is available in the new and exclusive Bossklein 2.5L bottle

**FASTER**  
**SAFER**  
**GREENER**



**OLD**

**NEW**

Name	Alcohol Free Surface Disinfectant	SDactiv ZERO Surface Disinfectant Alcohol Free
Variants	BOS9813 500ml Trigger Spray BOS9812 1 litre Trigger Spray BOS9815 5 litre Refill Bottle	BOS2006 500ml Trigger Spray BOS2005 1 litre Trigger Spray BOS2007 2.5 litre Refill Bottle BOS2004 5 litre Refill Bottle
Composition	Aqua, Benzyl-C12-18-Alkyldimethyl Chlorides, C12-14-Alkyl[(Ethylphenyl)Methyl]Dimethyl Chlorides, Didecyldimethylammonium Chloride, 2-Propanol (not an active, <1%), Surfactant, Dipropylene glycol monomethyl ether, Polyhexamethylene biguanide hydrochloride, Cocamidopropyl Betaine, Tetrasodium EDTA, Antifoam, Preservative, Aroma.	Contains Aqua, Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC/BKC (C12-16)) (68424-85-1) 0.48% w/w (4.8g/kg), Didecyldimethylammonium Chloride (7173-51-5) 0.22% w/w (2.2g/kg), Perfumes.
Instructions for use	Spray surfaces and objects to be disinfected from a distance of 30cm so that they are completely moistened and let the disinfectant take action over a minimum of 30 seconds (to achieve full efficacy leave for 5 minutes). Allow surface spray to dry or wipe with clean tissue. For professional use only.	Spray clean surfaces and objects to be disinfected from a distance of 30cm so that they are completely moistened and let the disinfectant take action over 60 seconds (to achieve full efficacy leave for 5 minutes). Allow surface spray to dry or wipe with clean tissue. For professional use only.
Aroma	Mint	Subtle Apple



# Bossklein®

## SDactiv ZERO

### Surface Disinfectant

ALCOHOL FREE



**OLD**

**NEW**

#### Efficacy Spectrum

	<b>OLD</b>	<b>NEW</b>
<b>Bactericidal</b>	<b>30 sec</b>	<b>5 min</b>
Pseudomonas aeruginosa	30 sec	5 min
Staphylococcus aureus	30 sec	5 min
Enterococcus hirae	30 sec	5 min
Legionella pneumophila	5 min	
MRSA	60 sec	
VRE	60 sec	
<b>Fungicidal</b>	<b>30 sec</b>	
Aspergillus brasiliensis	30 sec	
<b>Yeasticidal</b>	<b>30 sec</b>	<b>5 min</b>
Candida albicans	30 sec	5 min
<b>Enveloped viruses</b>	<b>2 min</b>	<b>60 sec</b>
Hepatitis B virus (HBV)	2 min	60 sec
Hepatitis C virus (HCV)	2 min	60 sec
Hepatitis Delta virus (HDV)	2 min	60 sec
HIV	2 min	60 sec
Human T Cell Leukemia Virus	2 min	60 sec
Measles Virus	2 min	60 sec
Influenza Virus	2 min	60 sec
Coronavirus	2 min	60 sec
Herpesviridae	2 min	60 sec
Filoviridae (Ebola)	2 min	60 sec
Rubella Virus	2 min	60 sec
Rabies Virus	2 min	60 sec
Flavivirus	2 min	60 sec
Poxviridae	2 min	60 sec
<b>Mycobacteria</b>	<b>2 min</b>	
Mycobacterium avium	2 min	

#### Test Standards

EN 14885, EN 14476, EN 14348, EN 13727, EN 13704, EN 13624

EN 14885, EN 14476, EN 13727, EN13697, EN 13624.

## HIGHLIGHTS

- Bossklein ZERO features a simplified effective spectrum  
Only featuring micro-organisms that are applicable to clinical environments
- Enveloped viruses are killed in only 60 seconds, including Coronavirus (previous formula = 2 mins)
- New real world EN test standard achieved EN 13697 - phase 2 step 2

**FASTER**

**SAFER**

**GREENER**

Complete hygiene solutions

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