

INTRO
DUCING

HYGEIA



the new wave in cleaning

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Imagine if a cleaner is able to fill an easy to use electronic spray bottle with plain water (H₂O) from any tap. And that somehow that bottle instantly transforms the water into an water-based (O₃) alternative for an all-purpose cleaner, glass cleaner, kitchen cleaner, stainless steel cleaner, carpet cleaner, floor cleaner or even a biocide. Sounds impossible, right? Well, it isn't.

Piecom Cleaning Solutions presents to you its newest standard in cleaning. The Hygeia SB100! How exactly does our magic bottle work? Technically speaking the bottle, a Franke product, employs a few patents to make the magic happen. It's real science that makes the bottle function. With every spritz, tapwater is sent through a tiny electrolytic cell which is created from a proprietary diamond process technology. The nozzle, as we call it, generates ozone from the water on-demand.

Oz-on-demand

Water exists in the reservoir and the ozone is activated on-demand, creating the sanitizer. In this case, that means there are no worries about loss in power or (un)stability of the ozone during use. The ozone penetrates a bacteria wall to kill germs for 99,9% like e-coli, salmonella, C. difficile, MRSA, Bordetella and other microscopic bugs. From a practical standpoint, the cleaner simply fills the bottle with cold tap water and presses a button. The bottle then dispenses the solution through the nozzle onto any hard surface.



short & simple

1. fill
2. spray
3. wipe

An allround solution

Besides glass, the ozone will clean and kill germs on any hard surface without leaving residuals behind. So, a cleaner has a single solution to accomplish multiple cleaning and antimicrobial tasks without ever visiting the custodial closet (except to perhaps pick up the bottle to start their shift). Hygeia is intended for commercial, industrial, and home settings. Users can sanitize hard non-porous surfaces like tables, counters, kitchen and bathroom surfaces, doors, drink dispensers and more.

The certificates you like

Our claims have been verified by Lapuck Laboratories. The bottle has CE and TUV certifications to confirm it is safe to use. We are in compliance with the ozone biocide regulation per our membership in EuOTA and the biocides dossier. Furthermore, the Hygeia bottle has earned Green Seal certifications, GS-8, GS-37, GS-52, GS-53 confirming its cleaning and sanitizing capabilities as well as meeting environmental standards.



YOUR benefits

When using the revolutionary bottle, the following issues will be eliminated, among other things:

- 👉 Visits to chemical dilution stations (any tap now serves as the filling station)
- 👉 All receiving, handling and inventory carrying costs on chemicals
- 👉 All in-going replacements costs for chemicals
- 👉 All waste like spills and overuse
- 👉 Unnecessary logistic movements
- 👉 Unnecessary plastic waste
- 👉 Exposure to harmful VOCs

What does the bottle provide?

- 👉 Single solution makes cleaning faster: Reduction of indirect costs!
- 👉 No more costs on daily cleaners
- 👉 Reduction of water waste
- 👉 Reduction of the Footprint
- 👉 One bottle can produce about 2200-2300 ltr of sanitizer before the battery needs replacing
- 👉 Hygeia leaves no harsh odors or residue



Our conclusion

“Hygeia is the best and smartest alternative to traditional cleaning chemicals!”



Green Seal®, Inc. Proudly Presents Certification to Hygeia

Green Seal, Inc. certifies that the following product complies with the Green Seal Standard for Cleaning Products for Industrial & Institutional Use (GS-37) and the Green Seal Standard for Specialty Cleaning Products for Industrial and Institutional Use (GS-53) and is licensed to use the Green Seal Certification Mark:

Aqueous Ozone

(specific package sizes listed in certification letter)

Certified this 23rd day of March, 2018.

A handwritten signature in black ink, appearing to read "Doug Gatlin", is written over a horizontal line.

Doug Gatlin, CEO



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Doug Gatlin, CEO



CERTIFICATE

No. U8 12 11 79026 011

Holder of Certificate: Electrolytic Ozone Inc.

66K Concord Street
Wilmington MA 01887
USA

Production Facility(ies):
79026



Certification Mark:

Product: Electrical equipment in general
Activated Oxygen Sanitizing Spray Bottle

Model(s): SB-100-Industrial

Parameters: Rated Input Voltage: 8.4 V DC (Battery Powered)
Protection Class: III

Tested according to: CAN/CSA-E335-1:2003
UL 60335-1:2004
EN 60335-1:2012

The product was voluntarily tested according to the relevant safety requirements noted above. It can be marked with the certification mark above. The mark must not be altered in anyway. This product certification system operated by TÜV SÜD America Inc. most closely resembles system 3 as defined in ISO/IEC Guide 67. Certification is based on the TÜV SÜD "Testing and Certification Regulations". TÜV SÜD America Inc. is an OSHA recognized NRTL and a Standards Council of Canada accredited certification body.

Test report no.: DI1205871-000

Date, 2012-11-19
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William Steen



TÜV SÜD AMERICA INC • 10 Centennial Drive • Peabody, MA 01960 USA • www.TUVamerica.com



This Declaration of ownership of data and access rights is valid from the date given below (*Full Terms and Conditions are available*) and not Transferable. It does not constitute a Letter of Access but it does confirm that:

EuOTA Membership Number:F002-29

EuOTA LoA Certificate Number:
Not Applicable

Date of Certificate: 07/07/2017

Substance: Ozone

EC No. 233-069-2 CAS No.10028-15-6

Franke Solutions Inc

is a full member of the European Ozone Trade Association (EuOTA) and is a co-owner/and/or has a rights of access to the EuOTA Ozone Active Substance Biocide Dossiers. As listed by ECHA under Article 93.

The Biocidal Products Regulation (EU) 528/2012 (BPR) came into force on 1 September 2013 repealing the Biocidal Product Directive (Directive 98/8/EC). From 1 September 2013, Ozone is regulated as an "Active Substance" under the BPR.

Following Active Substance approval under the BPR, any Company that wishes to place a biocidal product on the market which contains ozone generated in-situ within the EU or EFTA must have its product authorised in accordance with the BPR. This process first requires a dossier on the active substance or a Letter of Access to an "Active Substance" dossier from a dossier owner in respect of Ozone and thereafter a specific application for each product to be Authorised for sale and use within the EU or EFTA. Companies without such a letters of access cannot support their products for future Authorisation.

Details of the BPR can be found on the European Chemicals Agency (ECHA) website:
<https://echa.europa.eu/regulations/biocidal-products-regulation>.

Trade Mark protected. Unauthorised duplication of this certificate is not permitted.

Franke Solutions Inc as a full Member of EuOTA and a co-owner of The European Ozone Trade Association Limited Active Substance Dossiers for Product Types 2, 4, 5 and 11 entitled, "Ozone generated from oxygen (generated from ambient air, water or pure oxygen not supplied with the intention to generate ozone for a biocidal use)" that has been submitted to The Netherlands Competent Authority (Cgpb) (August 2016).

Once Ozone is approved only products that have an Active substance dossier or a Letter of Access to an Ozone Active Substance Dossier can continue to be placed on the European Market. This certificate confirms that Franke Solutions Inc has access to the Active Substance dossiers for Ozone.

M. J.

Signature: EuOTA

Carl D. Jones

Signature: Franke Solutions Inc