

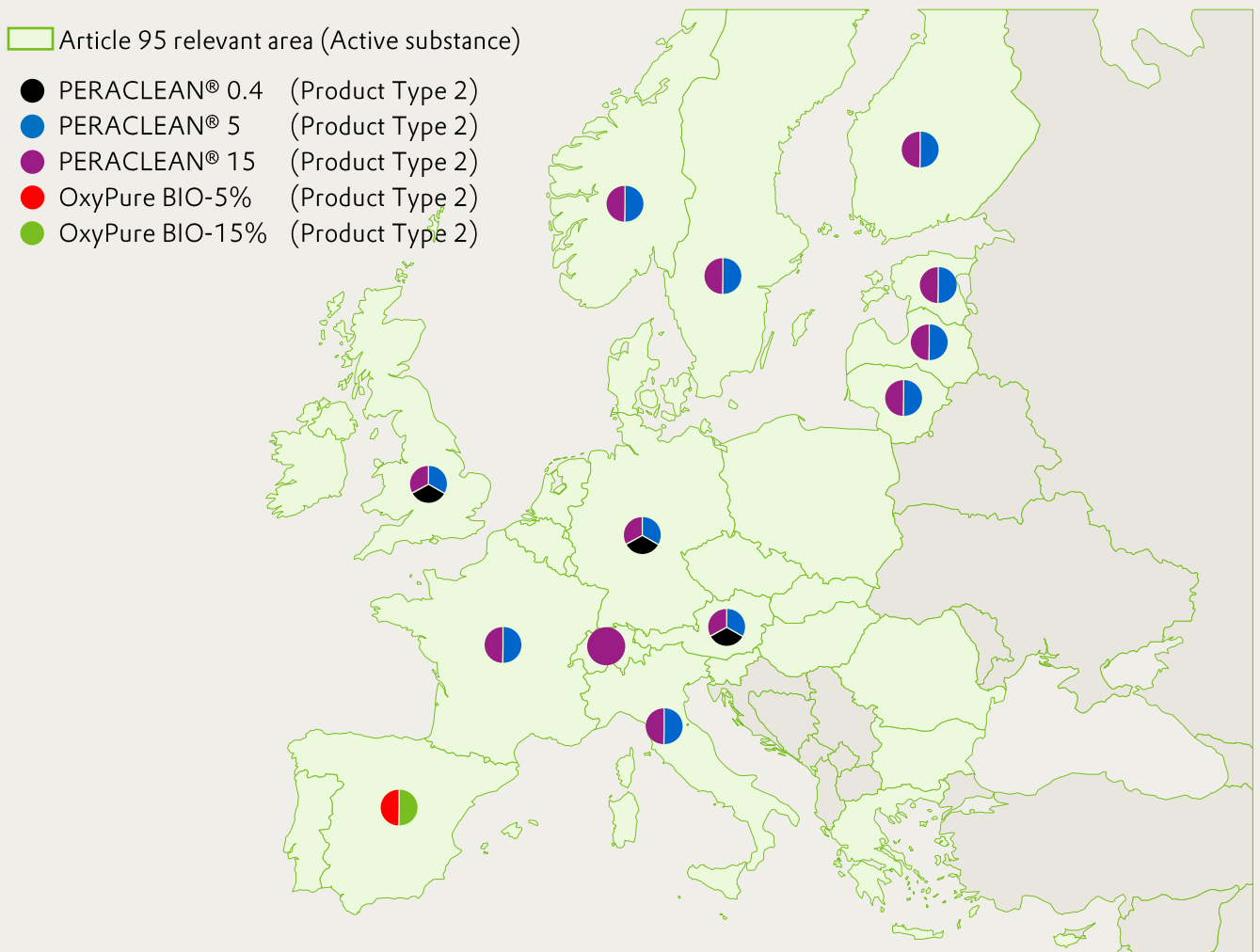
Peracetic Acid

Peracetic Acid (PAA) is effective against a broad range of both enveloped and non-enveloped viruses such as *Herpes simplex virus*, *Norovirus*, *Rhinovirus*, *Adenovirus*, *Poliovirus* and *bovine Enterovirus*. It has been tested for a full virucidal activity (complete virucidal claim after the BPR, Regulation (EU) 528/2012) according to both EN 14475 and EN 14476. Peracetic acid is included in the newly published ECHA's list of active substances for which virucidal efficacy has been demonstrated.

US Environmental Protection Agency has included PERACLEAN® 15 (PAA) into the list for "Products with Emerging Viral Pathogens and Human Coronavirus claims for use against SARS-CoV-2". PERACLEAN® 15 was successfully tested and registered by the US EPA (Reg. Nr. 54289-4) to deactivate human *Coronavirus* strain 229e. The diluted product (1:150 v/v) was proven to yield a LOG 4 reduction (99,99%) of human *Coronavirus* after a contact time of 60 seconds at 22°C. Unlike many other disinfectants in the market place such as quaternary ammonium compounds and chlorine, PERACLEAN® 15 is a very fast acting biocide that quickly decomposes into acetic acid, water, and oxygen.

Evonik is a supplier of high-quality biocidal products as well as active substances for service providers and professional users. Evonik's manufacturing facilities for active substance "peracetic acid" are Article 95 listed. The material is available the whole EMEA Region. In selected European countries, Evonik also offers biocidal products, registered for the PT2 use.

For more detailed information please visit our homepage or contact us.



Field of use:

Indoor use. Disinfection of non-porous hard surfaces (walls, floors, equipment and small objects) in hospitals as well as other healthcare facilities, industry, laboratories and public buildings.

Application methods:

Wiping, spraying and fogging.

Instructions for use:

Peracetic acid disinfectants are supplied as a concentrates or ready-to-use products. Concentrates have to be diluted with cold water accordingly. Pre-clean surfaces. Apply solution by a pre-soaked wipe, by a low-pressure sprayer (max. 2 bar) or by a nebulizer. Dry surfaces with a clean wipe or allow to air dry. For large surfaces use special equipment to dispense disinfectant.

Special notes:

Refer to a specific service provider information on exact application instructions. Not for disinfection of medical devices. Material compatibility was tested for stainless steel surfaces only. If surfaces from other materials (e.g. Plastic, Paper, Textile, Wood, etc) are to be treated, material compatibility must be tested prior to disinfection. Peracetic acid products have pungent odor. Refer to the material safety and data sheet for more details.

General virucidal claim

Virucide according to the provisions of the BPR (Regulation (EU) 528/2012) for use in hospitals and health care facilities. In-use concentration (PAA, as active substance) – 4.275 ppm (w/w), contact time 5 min, clean conditions, temperature 20°C

Virucidal efficacy against single species

Test guideline: EN 14476
Organic load: 0,03 % bovine albumine
Temperature: 20 °C

Test organism	Contact time (Minutes)	Active Substance, ppm (w/w)	Reduction, log
<i>Adenovirus</i> type 5 strain Adenoid 75	5	140	>4
<i>Murine Norovirus</i>	5	685	>4
<i>Poliovirus</i> type 1 strain LSc-2ab	5	4.275	>4

Test guideline: ASTM E1053-97
Organic load: 5% fetal bovine serum
Temperature: 22 °C

Test organism	Contact time (Minutes)	Active Substance, ppm (w/w)	Reduction, log
<i>Coronavirus</i> strain 229e	1	1.135	>4

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Resource Efficiency GmbH
Active Oxygens
Rodenbacher Chaussee 4
63457 Hanau, Germany
Phone +49 6181 59-4024
Fax +49 6181 59-74024
www.active.oxygens.com

FUTURE BEYOND