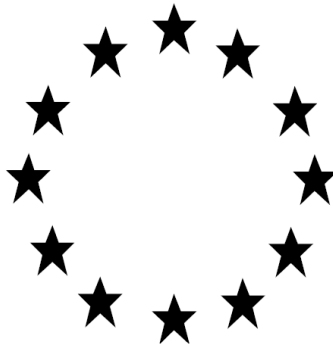


Regulation (EU) No 528/2012 concerning the
making available on the market and use of
biocidal products

**PRODUCT ASSESSMENT REPORT OF A
BIOCIDAL PRODUCT (FAMILY) FOR
NATIONAL AUTHORISATION APPLICATIONS**

(submitted by the evaluating Competent Authority)



Product types 2, 3, 4, 5

Hydrogen peroxide as included in the Union list of
approved active substances

Case Number in R4BP: [BC-KC029711-56]

Evaluating Competent Authority: SI

Date: February 2020

**Wirksamkeitsnachweis in der PT2,
Oberflächendesinfektion.
Produkt ist zugelassen und getestet zur Abtötung von
Bakterien, Viren,
Pilzen und Bakteriensporen.**

Table 1. Use of the product for surface disinfection in enclosed spaces by VHP process

Product Type	PT 2 - Disinfectants and algacides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	-
Target organism (including development stage)	Bacteria, viruses, fungi and bacterial spores
Field of use	Surface disinfection in enclosed spaces by VHP process - Private and public health area disinfection
Application method(s)	Disinfection with vaporized hydrogen peroxide - VHP process
Application rate(s) and frequency	Concentration of hydrogen peroxide should reach 300 ppm – 400 ppm. The succeeding sterilisation phase lasts min. 90 min.
Category(ies) of users	Industrial, Trained professional, Professional
Pack sizes and packaging material	1 kg, plastic bottle, HDPE

Table 5. Use of the product for surface disinfection in enclosed spaces by VHP process

Product Type	PT 4 - Food and feed area
Where relevant, an exact description of the authorised use	-
Target organism (including development stage)	Bacteria, fungi and bacterial spores
Field of use	Surface disinfection in enclosed spaces by VHP process - food and feed area
Application method(s)	Disinfection with vaporized hydrogen peroxide - VHP process
Application rate(s) and frequency	Concentration of hydrogen peroxide should reach 360 ppm – 400 ppm. The disinfection phase lasts minimum of 90 minutes
Category(ies) of users	Industrial, Professional
Pack sizes and packaging material	1 kg, plastic bottle, HDPE

Table 8. Use of the product as drinking water disinfectant

Product Type	PT 5 Drinking water disinfectants
Where relevant, an exact description of the authorised use	/
Target organism (including development stage)	Bacteria and viruses
Field of use	Group 1. Disinfection at the drinking water suppliers and their water distribution systems Group 4. Disinfection of water in reservoirs Group 6. Disinfection of water for animals
Application method(s)	The product is added continuously to the drinking water by a dosing system.
Application rate(s) and frequency	The product is added continuously to the drinking water by a dosing system which applies the product according to a signal received from a pulsing counter depending on the amount of water consumed. Hydrogen peroxide in drinking water for disinfection has an initial concentration of 25 mg/L to maintain 5 mg/L residual at the final point. The treatment is carried out in the deposit to assure that the product has enough contact time (15 h) with the water. Drinking water is checked daily for of hydrogen peroxide concentration at the outlet of the drinking water treatment plant and at the final-end-tap to assure that national limit values for hydrogen peroxide are not exceeded.
Category(ies) of users	Industrial, Professional
Pack sizes and packaging material	1 kg, plastic bottle, HDPE 21 kg, plastic drum, HDPE 32 kg, plastic drum, HDPE 65 kg, plastic drum, HDPE 225 kg, plastic drum, HDPE 1100 kg, IBC container, HDPE Bulk transport, steel, SS316