

LANXESS Deutschland GmbH

To
Quimidroga S.A.

**Declaration of non-biocidal activity of KMPS in swimming pool applications
at concentrations $\leq$ 120 ppm**

As you may be aware, one of the intended uses supported by the KMPS active substance dossier under EU BPR for PT2 is swimming pool disinfection, at a minimum in-use concentration of 130 ppm¹. However, LANXESS has performed additional efficacy tests with Oxone™, a KMPS technical grade, which demonstrates that the product possesses no bactericidal activity for the reference strains when diluted at 120 ppm.

These tests were performed according to EN 1276:2019, modified with conditions from the OECD guidance document². As per the Efficacy Guidance on the Biocidal Products Regulation³ the tests required for a pool disinfectant follow a tiered approach and EN 1276 is a mandatory suspension test for the 1st tier (phase 2, step 1) to support the claim of reducing risk of infection in swimming pools⁴.

It is LANXESS' understanding, based on the results of these tests, that Oxone™ exhibits solely an oxidizer effect when used for swimming pool water treatment at an in-use concentration of 120 ppm or lower. At these concentration rates, the product does not demonstrate a biocidal effect to be classified as a biocidal product under the EU BPR, for the purpose of reducing risk of infections in swimming pools.

Further information can be delivered directly to authorities if required.

Yours sincerely,

LANXESS Deutschland GmbH

Nilsa Melo
Regulatory Affairs Manager

March 1st, 2024

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References:

- 1) KMPS Assessment Report published on <https://echa.europa.eu/information-on-chemicals/biocidal-active-substances/-/disas/factsheet/1339/PT02>
- 2) "Guidance Document for Demonstrating Efficacy of Pool and Spa Disinfectants in Laboratory and Field testing" (OECD Series of Testing and Assessment No 170, version dated 08 October 2012).
- 3) Guidance on the Biocidal Products Regulation, Volume II: Efficacy - Parts B+C: Assessment and Evaluation. Version 6.0, August 2023
- 4) Appendix 1 from "Guidance on the Biocidal Products Regulation": Claim Matrices – November 2022.

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