

## Supporting information

# Ecotoxicity evaluation of pure peracetic acid (PAA) after eliminating hydrogen peroxide from commercial PAA

Ravi Kumar Chhetri<sup>1</sup>, Silvia Di Gaetano<sup>2</sup>, Andrea Turolla<sup>3</sup>, Manuela Antonelli<sup>3</sup>, Henrik Rasmus Andersen<sup>1</sup>

<sup>1</sup> Department of Environmental Engineering, Technical University of Denmark, Bygningstorvet, Building 115, 2800 Kgs. Lyngby, Denmark; [rakc@env.dtu.dk](mailto:rakc@env.dtu.dk)

<sup>2</sup> EIM—Ecological Integrated Management S.R.L., 24124 Bergamo, Italy; [silvia.digaetano@mail.polimi.it](mailto:silvia.digaetano@mail.polimi.it)

<sup>3</sup> Environmental Division, Department of Civil and Environmental Engineering (DICA), Polytechnic University of Milano, 20133 Milano, Italy; [andrea.turolla@polimi.it](mailto:andrea.turolla@polimi.it) (A.T.); [manuela.antonelli@polimi.it](mailto:manuela.antonelli@polimi.it) (M.A.)

\* corresponding author: Henrik Rasmus Andersen e-mail: [henrik@ndersen.net](mailto:henrik@ndersen.net)

## Dose response curve of *Vibrio fischeri* at different time from pure PAA

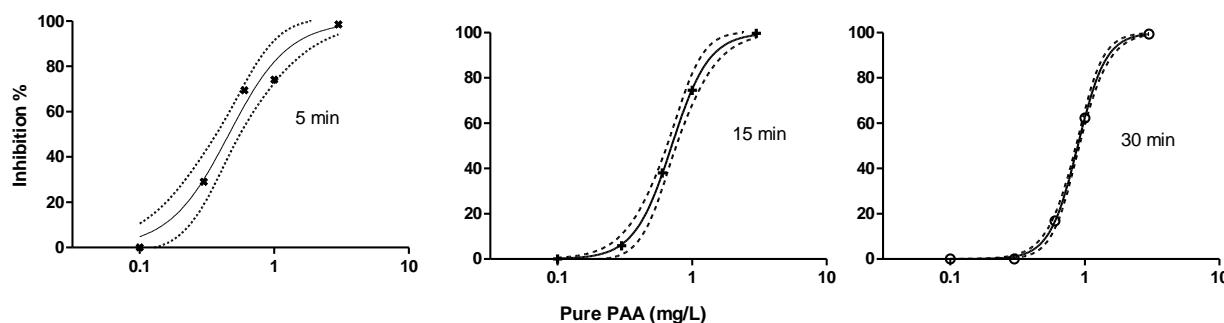


Figure S1: Dose response curve of *V. fischeri* from pure PAA, at 5, 15 and 30 min exposure time. Dashed lines are 95% confidence interval.

## Dose response curve of *Daphnia magna* at different time from pure PAA

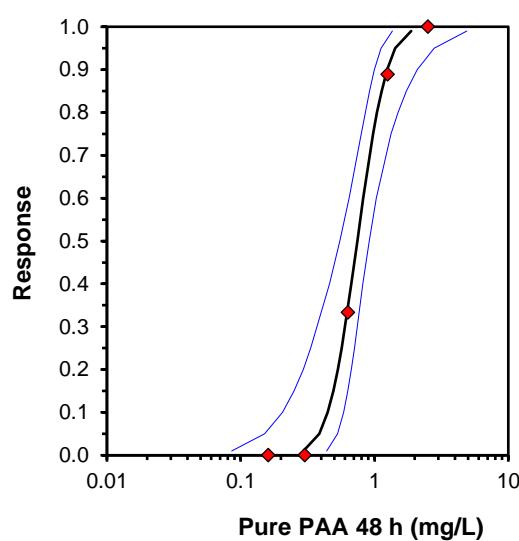
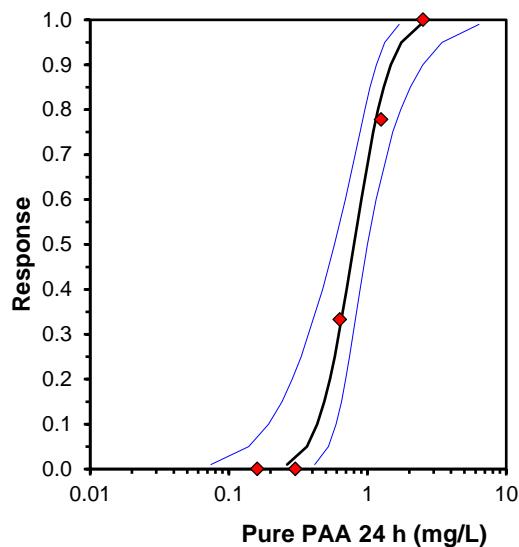
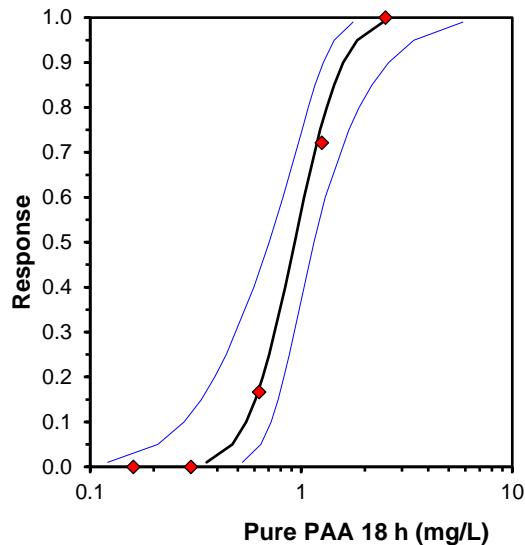


Figure S2: Dose response curve of *D. magna* from pure PAA at different exposure time. Blue lines are 95% confidence interval.

Dose response curve of *P. subcapitata* at 72 h from pure PAA

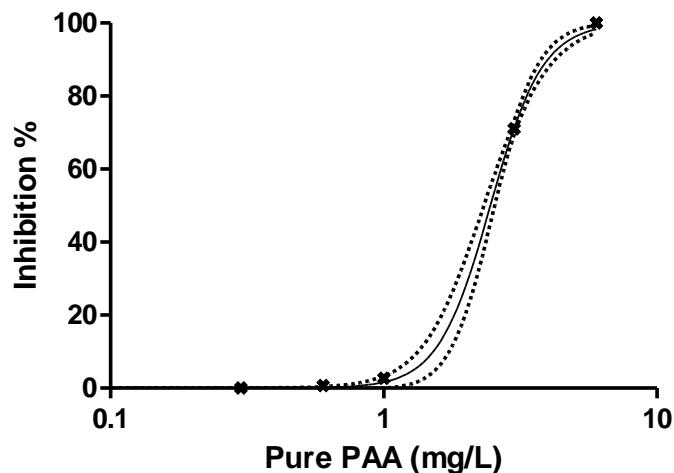


Figure S3: Dose response curve of *P. subcapitata* from pure PAA at 72 h exposure time. Dashed lines are 95% confidence interval.