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Supplementary Information

A "point-of-entry" bioaccumulation study of nanoscale pigment copper phthalocyanine in aquatic organisms

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SI. Fig. 1. Experiment set up of *Potamopyrgus antipodarum testing*.



SI. Fig. 2. Images of sampled *D. Magna* 1h, 4h, 8h, 16h, 24h uptake n-CuPc and 4h and 24h depuration n-CuPc.

SI. Table 1. Nano-CuPc in sediment, overlying water and nano-CuPc dissolution (The data showed Cu amount in nano-CuPc).

Samples	Sediment (µg/g)	Overlying water (µg/L)	Dissolution (µg/L) ²
Control	9.99 (0.56)	12.43	3.59
n-CuPc ¹	66.52 (2.46)	1420	4.53
DMSO	9.81 (0.53)	16.41	4.67

 $^1 \mbox{The norminal concentration of Cu (nano-CuPc) in sediment is 50 <math display="inline">\mu g/g.$ 2 Amicon centrifuge filter method