

Accepted Manuscript



Embryo toxicity assay in the fish species *Rhamdia quelen* (Teleostei, Heptaridae) to assess water quality in the Upper Iguaçú Basin (Paraná, Brazil)

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PII: S0045-6535(18)30851-8
DOI: 10.1016/j.chemosphere.2018.05.009
Reference: CHEM 21337
To appear in: *Chemosphere*
Received Date: 03 January 2018
Revised Date: 29 April 2018
Accepted Date: 02 May 2018

Please cite this article as: Izabella de Andrade Brito, Juan Ramon Esquivel Garcia, Alexandre Barbosa Salaroli, Rubens César Lopes Figueira, César de Castro Martins, Alexandre Cordeiro Neto, Paloma Kachel Gusso-Choueri, Rodrigo Brasil Choueri, Sabrina Borges Lino Araujo, Ciro Alberto de Oliveira Ribeiro, Embryo toxicity assay in the fish species *Rhamdia quelen* (Teleostei, Heptaridae) to assess water quality in the Upper Iguaçú Basin (Paraná, Brazil), *Chemosphere* (2018), doi: 10.1016/j.chemosphere.2018.05.009

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1 **Embryo toxicity assay in the fish species *Rhamdia quelen* (Teleostei, Heptaridae)**
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32
33 **Abstract**

34 The Iguaçú River is one of the largest and most important rivers in the Southern of Brazil. The
35 Upper Iguaçú Basin is responsible for water supply (80%) of the Metropolitan Region of Curitiba
36 (MRC). After crossing a large urban region, the river is polluted by domestic and industrial
37 sewage, but despite of that few ecotoxicological studies have been performed in order to evaluate
38 the water quality from Iguaçú River. The aim of the present study was to investigate the risk of
39 exposure of Iguaçú water to biota and also human population. In this terms, was utilized the

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