

Acute toxicity levels of copper sulphate to a Teleostean fish, *Channa punctatus* (Bloch)

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ABSTRACT: The present study deals with the acute toxicity of copper sulphate on the behavior and mortality of *Channa punctatus*. The LC₅₀ values for 24, 48, 72 and 96h have been determined. The results indicated that the fish exposed to different concentrations of copper sulphate exhibit abnormal behavior, profuse mucous secretion and its coagulation all over the body and a dose and dose-time dependent mortality rate.

Key Words: *Channa punctatus*, copper sulphate, acute toxicity, behavioral changes, mortality.