

Toxicity of Windex on Zebrafish

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## TOXICITY OF WINDEX ON ZEBRAFISH

### Abstract

Zebrafish, a popular tropical freshwater fish, originated mainly from north-eastern India, Bangladesh, and Nepal. They inhabit streams, canals, ditches, ponds, and slow-moving, stagnant bodies of water. Windex, which is popular cleaner in many people's homes, contains many chemicals that are generally not disposed of properly. Through this nonpoint source of pollution, the chemicals from this cleaner eventually bio accumulate in the bodies of water where Zebrafish and other aquatic organisms inhabit. The toxicity of Windex has not been previously tested on aquatic organisms; however, this paper will examine how Windex affects the respiration rate of Zebrafish, in order to see how toxic this household chemical solution is when it is released into bodies of water in small concentrations over long periods of time. The results from this experiment concluded that when exposed to chemicals in Windex through nonpoint sources of pollution, aquatic organisms will be killed over time.