Supplemental Data

Relevance of Octanol-Water Distribution Measurements to the Potential Ecological Uptake of Multi-Walled Carbon Nanotubes

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** Current address for EJP: Chemical Science and Technology Laboratory, National Institute of Standards and Technology, Gaithersburg, MD 20899 Figure 1: Characterization of purified and 3:1 acid treated MWNTs. A) Transmission electron micrograph of purified MWNTs (30 kx). B) Transmission electron micrograph of 3:1 MWNTs (150 kx magnification). The arrow points to an opened end of one of the multi-walled carbon nanotubes. C) Scanning electron micrograph of purified MWNTs (20 kx magnification). D) Length distribution plot of purified MWNTs (n=239). E) Scanning electron micrograph of 3:1 MWNTs (20 kx magnification). F) X-ray photoelectron spectrum of purified MWNTs with elemental analysis. G) X-ray photoelectron spectrum of 3:1 MWNTs with elemental analysis.



Figure 1a



Figure 1b



Figure 1c



Figure 1d



Figure 1e



Figure 1f



Figure 1g