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<http://ipen.org/toxics-free-2012>

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<http://www.saicm.org>

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<http://www.who.int/mediacentre/news/releases/2006/pr32/en/index.html>

iii

27 2001 ."

<http://www.grida.no/news/press/2150.aspx>

iv

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v

21

vi A. Pruess-Ustun, C. Vickers, P. Haefliger, and R. Bertollini, "Knowns and Unknowns on the Burden of Disease due to Chemicals: A Systematic Review", *Environmental Health*, 10: 9, 2011,