## IUPAC Seeks Your Comments

Provisional Recommendations are drafts of IUPAC recommendations on terminology, nomenclature, and symbols made widely available to allow interested parties to comment before the recommendations are finally revised and published in *Pure and Applied Chemistry*.

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### **Glossary of Terms Used in Toxicology**—Expanded and Revised from "Glossary for Chemists of Terms Used in Toxicology" (IUPAC Recommendations 1993)

This glossary is a revision of the IUPAC *Glossary for Chemists of Terms Used in Toxicology*,[1] which incorporates new and redefined terms from the Glossary of Terms Used in Toxicokinetics.[2] It contains definitions and explanatory notes, if needed, for terms frequently used in the multidisciplinary field of toxicology. The glossary is compiled primarily for those scientists and others who now find themselves working in toxicology or who require knowledge of the subject, especially for hazard and risk assessment. Many medical terms are included because of their frequent occurrence in the toxicological literature. There are three annexes, one containing a list of abbreviations and acronyms used in toxicology, one containing a list of abbreviations and acronyms used by international bodies and by legislation relevant to toxicology and chemical safety, and one describing the classification of carcinogenicity according to the weight of evidence available.

1. *Pure Appl. Chem.* **65**(9), 2003–2122, 1993
2. *Pure Appl. Chem.* **76**(5), 1033–1082, 2004

**Comments by 30 September 2006**

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www.iupac.org/reports/provisional/abstract06/duffus_300906.html

### **Guidelines for Potentiometric Measurements in Suspensions—Practical pH Measurements in Soil Suspension**

The measured cell potentials for suspension potentiometric cells have been interpreted and explained by a detailed analysis of the schemes for these cells (Part A). Some former disagreements amongst investigations have been clarified in this document. A new unambiguous operational definition of the Suspension Effect is presented. It is defined as the difference in cell potential for two suspension potentiometric cells, one with both electrodes in the separated equilibrium solution and the other with both electrodes in the sediment or suspension. This potential difference is the sum of the change in the indicator electrode potential and the change in the liquid junction potential of the reference electrode, when the electrodes are used for measurement, once in the sediment of the suspension and then in its equilibrium solution.

**Comments by 30 September 2006**

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