

# Provisional Nomenclature Recommendations

## IUPAC SEEKS YOUR COMMENTS

In this section, we publish synopses of IUPAC's latest provisional recommendations on nomenclature and symbols. All comments on these recommendations are welcome and will be taken into consideration. The final revised versions are published in *Pure and Applied Chemistry (PAC)*.

If you would like to comment on the provisional recommendations, please visit the IUPAC Web site at <<http://www.iupac.org/reports/provisional/index.html>>, where the full texts are available for downloading as draft pdf files. Alternatively, you can write to your nearest national/regional center to request a copy; the most recent list of national/regional centers is available on the Web site at the address above and last appeared in *CI*, Vol. 17, p. 141 (1997).

**Physical and Biophysical Chemistry Division.  
Thermochemistry of Chemical Reactions:  
Terminology, Symbols and Experimental  
Methods for the Determination of Bond  
Energies**

<[http://www.iupac.org/reports/provisional/abstract02/ribeiro-da-silva\\_300902.html](http://www.iupac.org/reports/provisional/abstract02/ribeiro-da-silva_300902.html)>

This work, which is presented in two parts, is concerned with the most currently experimental techniques used on the study of the thermochemistry of chemical reactions. The first part of this recommendation deals with the terminology and symbols, discusses the meaning, designation and

symbols of the different parameters used in molecular thermodynamic studies. The second part is a brief description of the most important methods used to investigate the thermodynamic stability of molecules and chemical bonds, together with a detailed analysis of its basic assumptions and how thermodynamic quantities are derived.

Comments by 30 September 2002 to Prof. Manuel A. V. Ribeiro da Silva, Universidade do Porto, Faculdade de Ciências, Departamento de Química, Rua do Campo Alegre, 687, P-4169-007 Porto, Portugal.