

PACKAGE ID - 001297IBMPC00 CHEMENGL/CHEMISTE

KWIC TITLE - Displays the Main Properties of the Elements
in the Periodic Table

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LIMITATION CODE -UNL **AUDIENCE CODE** - UNL

COMPLETION DATE - 04/30/1998 **PUBLICATION DATE** - 04/30/1998

DESCRIPTION - Data Base on basic chemical and physical properties of the elements in the Mendeleev Table. Example density electric and thermal conductivity, masses of isotopes and isomers, ionisation potential, etc. from H to Xc (A=112). The following modifications have been introduced: Names of high mass chemical elements have been updated accordingly to recent standard naming Crystallographic data has been improved and adapted to the new nomenclature.

PACKAGE CONTENTS - Media Directory; Software Abstract; Media Includes Information File, Executables;

SOURCE CODE INCLUDED? - No

MEDIA QUANTITY - 1 CD ROM

COMPUTER - IBM PC

OPERATING SYSTEMS - Machine dependent

PROGRAMMING LANGUAGES - na

SOURCE CODE AVAILABLE (Y/N) - N

UNIQUE FEATURES - The data base is available in both English and French versions.

HARDWARE REQS - The executable files provided for both the English and French version have a filesize of about 290 Kbyte.

TIME REQUIREMENTS - The program is interactive and menu driven. The executable files provided were run in a PC Dell Optiplex GXPRO equipped with a pentium PRO processor at 200 MHz, 64 MB memory under Windows NT 4.00 (DOS). The control (scroll through the elements of the Periodic Table) is done using keyboard. Once the element is selected, the visualization/display of its properties is practically instantaneous.

ABSTRACT STATUS - Released tested 3/29/1999. Tested by NEA

SUBJECT CLASS CODE - Z

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SOFTWARE ABSTRACT

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KEYWORDS -

COMPUTER PROGRAM DOCUMENTATION
C CODES
ELEMENTS
DATA

EDB SUBJECT CATEGORIES -

990200

SPONSOR - NEA

PACKAGE TYPE - TESTED