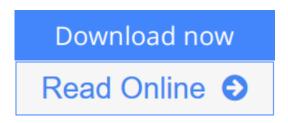


Handbook of Physical-Chemical Properties and Environmental Fate for Organic Chemicals, Second Edition (Vol. 1) (Vol 4)

By Donald Mackay, Wan-Ying Shiu, Kuo-Ching Ma, Sum Chi Lee



Handbook of Physical-Chemical Properties and Environmental Fate for Organic Chemicals, Second Edition (Vol. 1) (Vol 4) By Donald Mackay, Wan-Ying Shiu, Kuo-Ching Ma, Sum Chi Lee

CHOICE Award Winner

Transport and transformation processes are key for determining how humans and other organisms are exposed to chemicals. These processes are largely controlled by the chemicals' physical-chemical properties. This new edition of the **Handbook of Physical-Chemical Properties and Environmental Fate for Organic Chemicals** is a comprehensive series in four volumes that serves as a reference source for environmentally relevant physical-chemical property data of numerous groups of chemical substances.

The handbook contains physical-chemical property data from peer-reviewed journals and other valuable sources on over 1200 chemicals of environmental concern. The handbook contains new data on the temperature dependence of selected physical-chemical properties, which allows scientists and engineers to perform better chemical assessments for climatic conditions outside the 20–25-degree range for which property values are generally reported.

This second edition of the **Handbook of Physical-Chemical Properties and Environmental Fate for Organic Chemicals** is an essential reference for university libraries, regulatory agencies, consultants, and industry professionals, particularly those concerned with chemical synthesis, emissions, fate, persistence, long-range transport, bioaccumulation, exposure, and biological effects of chemicals in the environment.

This resource is also available on CD-ROM



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Editorial Review

Review

"... contains compilations of physical-chemical property data for about 1250 compounds ... invaluable to environmental scientists and engineers, and to students and teachers of environmental science. Its aim is to contribute to better assessments of chemical fate in our multimedia environmental by serving as a reference source for environmentally relevant physical-chemical property data of classes of chemicals, and by illustrating the likely behavior of these chemicals as they migrate throughout our biosphere."

?J Albaigés, Editor in Chief, Department of Environment Chemistry CID-CSIC, Barcelona, Spain, International Journal of Environmental Analytical Chemistry, Vol. 86

"... recognized as one of the best single sources of chemical property and environmental fate date for organic chemicals available. The second edition represents a welcomed and timely update and expansion of this earlier, well known series. ... The second edition is available in hard copy or as a user ... CD-Rom version that is fully searchable. ... the second edition will undoubtedly serve as a seminal reference text that will be of repeated use by professionals and students interested in environmental assessment of organic chemicals." ?Tom Parkerton, Exxon Mobil Biomedical Sciences, SETAC Globe

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