

# **INDUSTRIAL SOLVENTS HANDBOOK**

**Fourth Edition**

**Edited by**

**Ernest W. Flick**

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## Foreword

Completely revised, and vastly expanded, this well-established and successful reference volume is designed principally for the chemical and other process industries, but will be found useful by anyone needing the latest pertinent data on industrial solvents.

This Fourth Edition is uniquely helpful when it becomes necessary to select a new solvent on a competitive-comparative basis; when the customary solvent, employed hitherto, might no longer be available, or can no longer be used because of environmental reasons; or when prices have risen to such an extent that an existing process be redesigned to make it economically feasible again.

The approximately 1,200 tables in this book contain basic data on the physical properties of most solvents and on the solubilities of a variety of materials in these solvents. Even phase diagrams for multicomponent systems are included. Particularly valuable are the HPLC and UV data for various solvents provided in the last chapter.

The contents of the tables were selected by the editor mainly from manufacturers' literature at no cost to, nor influence from, the manufacturers or distributors of these solvents. The source of each table is indicated by a reference number following the title. A complete set of references is found at the end of the book, as well as a trade name index.

The vast amount of information contained in the book is evidenced at once in the large table of contents, which is organized by chemical groups and also serves as the index. An abbreviated summary of the contents is given below, indicating the number of tables in each category.

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Industrial solvents could be toxic, and therefore due caution should always be exercised in the use of these potentially hazardous materials. Final determination of the suitability of any information or product for use contemplated by any user, and the manner of that use, is the sole responsibility of the user. We strongly recommend that users seek and adhere to a manufacturer's or supplier's current instructions for handling each material they use. The reader is cautioned to consult the supplier in case of questions regarding current availability.

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