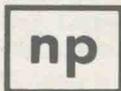


ADVANCED CLEANING PRODUCT FORMULATIONS

Household, Industrial, Automotive

by

Ernest W. Flick



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Park Ridge, New Jersey, U.S.A.

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Preface

This book presents more than 800 up-to-date advanced cleaning product formulations for household, industrial and automotive applications. It is the result of information received from numerous industrial companies and other organizations. The data represent selections made at no cost to, nor influence from, the makers or distributors of these materials. Only the most recent formulas have been included.

Formulation in the cleaning product industry has undergone significant change during the past few years. Raw materials costs have risen and manufacturers have been reluctant to pass along these increases. By changing formulations to improve cost/performance characteristics, manufacturers have been able to control costs but still enhance performance. This book presents manufacturers' suggested formulations which might meet these new performance criteria.

The formulations in this book are divided into the following sections and chapters:

- I. Household/Industrial Cleaners
 1. Bathroom Cleaners (16)
 2. Dishwashing Detergents (57)
 3. Disinfectants (11)
 4. Floor Cleaners and Wax Strippers (41)
 5. General Purpose Cleaners (73)
 6. Laundry Products (143)
 7. Metal Cleaners (73)
 8. Oven Cleaners (10)
 9. Rinse Additives and Aids (96)
 10. Rug, Carpet and Upholstery Cleaners and Shampoos (40)
 11. Wall and Hard Surface Cleaners (49)
 12. Window and Glass Cleaners (25)
 13. Miscellaneous Cleaners (129)

- II. Automotive Cleaners
 - 14. Car and Truck Washes (51)
 - 15. Whitewall Tire Cleaners (8)
 - 16. Miscellaneous Cleaners (21)

Parenthetic numbers indicate the number of products in each chapter. Each formula is located in the chapter which is most applicable. The reader, seeking a formula for a specific end use, should check each chapter which could possibly apply. In addition to the above, there are two other sections which will be helpful to the reader:

- III. A chemical trademark section where each tradenamed raw material included in the book is listed with a chemical description and the supplier's name. The specifications which each raw material meets are included, if applicable.
- IV. Main office addresses of the suppliers of trademarked raw materials.

Each formulation in the book lists the following information, as available, in the manufacturer's own words:

- Description of end use and most outstanding properties.
- The percent by weight or volume of each raw material included in the formula, rounded to a decimal figure.
- Key properties of the formula, which are the features that the source considers to be more outstanding than other formulations of the same type.
- The formula source, which is the company or organization that supplied the formula. The secondary source may be the originating company and/or the primary source's publication title, or both. A formula number is included, if applicable.

The table of contents is organized in such a way as to serve as a subject index.

My fullest appreciation is expressed to the companies and organizations who supplied the original starting formulations included in this book. I also thank the suppliers of the raw materials included in these formulations, who furnished information describing their trademarked raw materials.

Newburyport, Massachusetts
April 1989

Ernest W. Flick

NOTICE

To the best of our knowledge the information in this publication is accurate; however, the Publisher does not assume any responsibility or liability for the accuracy or completeness of, or consequences arising from, such information. This industrial guide does not purport to contain detailed user instructions, and by its range and scope could not possibly do so. Mention of trade names or commercial products does not constitute endorsement or recommendation for use by the Author or Publisher.

Some advanced cleaning products could be toxic if used improperly, and therefore due caution should always be exercised in the use of these materials. Final determination of the suitability and reliability 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 Author and Publisher have used their best efforts to include only the most recent data available. The reader is cautioned to consult the supplier in case of questions regarding current availability.

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