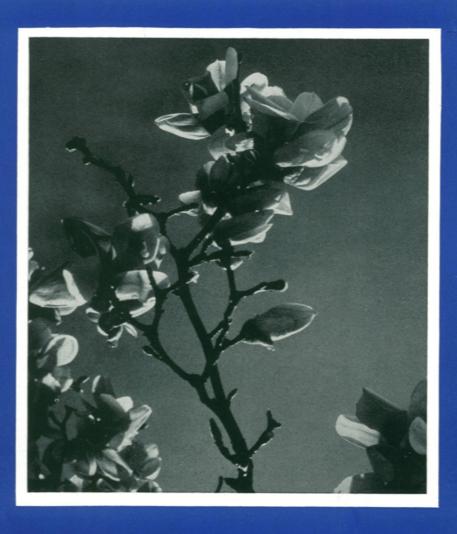
## SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE.





April 16, 1938



Early Spring

See Page 242

A SCIENCE SERVICE PUBLICATION

## INDUSTRIAL CHEMISTRY

By Emil Raymond Riegel, Ph.D.

A Third Edition (1937)

O MATTER what your interest in chemical industries—educator, chemist, engineer, business executive, banker or editor—you NEED this complete, accurate and readable single volume treatise.

THE attention of the business and financial world is focused, as never before, on chemical industries; and a book on this subject, authoritative, and at the same time readable, is a welcome addition to business literature.

Dr. Riegel, a nationally known chemist and engineer, has the happy faculty of explaining intricate industrial processes in clear, graphic and accurate manner, always keeping the economic and commercial significance in view and without the use of mathematical or chemical formulas beyond the layman's grasp.

Absolutely up-to-date, this book describes such outstandingly important industries as the manufacture of alkalies, in which millions have recently been invested in the South; the fixation of atmospheric nitrogen in this country and abroad; rayon, cellophane and other new cellulose products; synthetic plastics in all their modifications; the immensely important products of the electric furnace; the newest developments in petroleum technology; the new metals and alloys which are revolutionizing the transportation industry; and many other fascinatingly interesting and tremendously significant commercial applications of chemical science.

Special features of the book are the wealth of skilfully edited statistical data; the profusion of clear and informative illustrations prepared especially for this volume; and the ample up-to-the-minute literature and patent references to serve the reader who wishes to follow more intensively any of the particular subjects dealt with.

Hundreds of business officials, educators, bankers, lawyers, advertising executives and editors (in addition, of course, to chemists and engineers) have found the previous editions of this book an efficient and enjoyable means of informing themselves as to the vast part that the commercial application of chemistry and chemical engineering is playing in our national economy.

In preparing the third completely revised edition of this book Dr. Riegel has supplemented his own profound knowledge of the field by collaboration generously extended from industrial technologists, government officials and members of research organizations specially in touch with the subject matter of each chapter.

We have no hesitation in characterizing Dr. Riegel's present effort as the most complete, informative, accurate and readable survey of the whole field of chemical industry that has ever been offered to the English-speaking public.

851 Pages, 50 Chapters, Profusely Illustrated \$5.75

REINHOLD PUBLISHING CORPORATION
330 WEST 42nd STREET, NEW YORK, U. S. A.

## A partial list of subjects covered

ABRASIVES

**ALKALIS** 

ALLOYS, CORROSION AND HEAT

RESISTING

BREWING AND DISTILLING

CATALYTIC PROCESSES

**CELLULOSE PRODUCTS** 

**CERAMIC INDUSTRIES** 

CHEMICAL MACHINERY

CHEMICAL WARFARE

CHLORINE

COKE AND ITS BY-PRODUCTS

**DISINFECTANTS** 

DRUGS

DRY ICE

**DYESTUFFS** 

**ELECTROCHEMICAL INDUSTRIES** 

**ESSENTIAL OILS** 

**EXPLOSIVES** 

FERMENTATION INDUSTRIES

**FERTILIZERS** 

**FUELS** 

**GLASS** 

INDUSTRIAL ALCOHOL

INDUSTRIAL GASES

**INSECTICIDES** 

INSTRUMENTS

**LACQUERS** 

**LEATHER** 

NITROGEN FIXATION

PAINT AND VARNISH

**PAPER** 

**PATENTS** 

PETROLEUM REFINING

**PHOSPHATES** 

PHOTOGRAPHIC FILMS AND PAPER

**PLASTICS** 

PORTLAND CEMENT

**RADIUM** 

RARE METALS

RAYON AND CELLOPHANE

**REFRACTORIES** 

REFRIGERATION

RUBBER AND ITS DERIVATIVES

SEWAGE DISPOSAL

STEEL

SOAP INDUSTRY

SUGAR AND STARCH

SULFURIC AND OTHER ACIDS

SYNTHETIC ORGANIC CHEMICALS

SYNTHETIC RUBBER

TEXTILE FINISHING

WATER TREATMENT

WOOD DISTILLATION