

## Merck Index 15th Edition

Innovative technologies are changing the way research is performed, preserved, and communicated. *Managing Scientific Information and Research Data* explores how these technologies are used and provides detailed analysis of the approaches and tools developed to manage scientific information and data. Following an introduction, the book is then divided into 15 chapters discussing the changes in scientific communication; new models of publishing and peer review; ethics in scientific communication; preservation of data; discovery tools; discipline-specific practices of researchers for gathering and using scientific information; academic social networks; bibliographic management tools; information literacy and the information needs of students and researchers; the involvement of academic libraries in eScience and the new opportunities it presents to librarians; and interviews with experts in scientific information and publishing. Promotes innovative technologies for creating, sharing and managing scientific content Presents new models of scientific publishing, peer review, and dissemination of information Serves as a practical guide for researchers, students, and librarians on how to discover, filter, and manage scientific information Advocates for the adoption of unique

author identifiers such as ORCID and ResearcherID  
Looks into new tools that make scientific information easy to discover and manage Shows what eScience is and why it is becoming a priority for academic libraries Demonstrates how Electronic Laboratory Notebooks can be used to record, store, share, and manage research data Shows how social media and the new area of Altmetrics increase researchers' visibility and measure attention to their research Directs to sources for datasets Provides directions on choosing and using bibliographic management tools Critically examines the metrics used to evaluate research impact Aids strategic thinking and informs decision making

The world's most widely used medical reference is now better than ever! For its 19th Edition, the Merck Manual of Diagnosis and Therapy has been thoroughly updated and thoughtfully expanded, with more than 850 additional pages, 15 new chapters, over 300 new tables, and 56 new figures. Packed with essential information on diagnosing and treating medical disorders, this handy, compact guide was written by a team of clinicians for everyday use by medical professionals for delivery of the best care to their patients. Designed for maximum clinical utility, the new Merck Manual of Diagnosis and Therapy 19th edition makes it easy to find the right information, right when it is needed. It is a must-have for medical students, residents, practicing

physicians, nurses, and allied health professionals. Free 1-year Mobile App Access when you purchase the printed manual. The Skyscape mobile version, available for Blackberry® and Android™ devices, the iPhone® and Windows Mobile® phones, and other popular platforms, uses technology to transform the answers found in The Merck Manual into action.

Physics and Chemistry of Ice is an authoritative summary of state-of-the-art research contributions from the world's leading scientists. A key selection of submissions from the 11th International Conference on the Physics and Chemistry of Ice, 2006 are presented here with a foreword by Werner F. Kuhs. An invaluable resource, this book provides researchers and professionals with up-to-date coverage on a wide range of areas in ice science including: \* Spectroscopic and diffraction studies \* Molecular dynamics simulations \* Studies of Ice Mechanics \* Quantum mechanical ab initio calculations \* Ice and hydrate crystal growth and inhibition studies \* Bulk and surface properties of ice and gas hydrates \* Snow physics and chemistry This insight into topical aspects of ice research is a key point of reference for physicists, chemists, glaciologists, cryo-biologists and professionals working in the fields of ice and hydrogen bonding.

The US Department of Defense (DOD) is faced with an overwhelming task in evaluating chemicals that could potentially pose a threat to its deployed

personnel. There are over 84,000 registered chemicals, and testing them with traditional toxicity-testing methods is not feasible in terms of time or money. In recent years, there has been a concerted effort to develop new approaches to toxicity testing that incorporate advances in systems biology, toxicogenomics, bioinformatics, and computational toxicology. Given the advances, DOD asked the National Research Council to determine how DOD could use modern approaches for predicting chemical toxicity in its efforts to prevent debilitating, acute exposures to deployed personnel. This report provides an overall conceptual approach that DOD could use to develop a predictive toxicology system. *Application of Modern Toxicology Approaches for Predicting Acute Toxicity for Chemical Defense* reviews the current state of computational and high-throughput approaches for predicting acute toxicity and suggests methods for integrating data and predictions. This report concludes with lessons learned from current high-throughput screening programs and suggests some initial steps for DOD investment.

The definitive guide to the hazardous properties of chemical compounds *Correlating chemical structure with toxicity to humans and the environment, and the chemical structure of compounds to their hazardous properties, A Comprehensive Guide to the Hazardous Properties of Chemical Substances,*

Third Edition allows users to assess the toxicity of a substance even when no experimental data exists. Thus, it bridges the gap between hazardous materials and chemistry. Extensively updated and expanded, this reference: Examines organics, metals and inorganics, industrial solvents, common gases, particulates, explosives, and radioactive substances, covering everything from toxicity and carcinogenicity to flammability and explosive reactivity to handling and disposal practices Arranges hazardous chemical substances according to their chemical structures and functional groups for easy reference Includes updated information on the toxic, flammable, and explosive properties of chemical substances Covers additional metals in the chapters on toxic and reactive metals Updates the threshold exposure limits in the workplace air for a number of substances Features the latest information on industrial solvents and toxic and flammable gases Includes numerous tables, formulas, and a glossary for quick reference Because it provides information that enables those with a chemistry background to perform assessments without prior data, this comprehensive reference appeals to chemists, chemical engineers, toxicologists, and forensic scientists, as well as industrial hygienists, occupational physicians, Hazmat professionals, and others in related fields. An easy-to-follow guide written to help pet owners

understand and take control of their animal's health features profiles of more than two hundred drugs and their side effects, the latest in alternative medicine, a directory of pet organizations, and much more. Reprint. 40,000 first printing.

The Pill Book By Harold M. Silverman

This is a Pageburst digital textbook; No other quick reference comes close in covering the diagnosis and treatment of hundreds of diseases in dogs and cats.

Etienne Cote's Clinical Veterinary Advisor: Dogs and Cats, 2nd Edition is like six books in one -- with

concise topics within sections on diseases and disorders, procedures and techniques, differential diagnosis, laboratory tests, clinical algorithms, and a drug formulary. Revised from cover to cover, this

edition includes dozens of new topics. It also includes free access to a fully searchable companion website featuring an electronic version of the text, all

of the book's images, a searchable drug formulary, and 150 Client Education Sheets in both English and Spanish. Section I: Diseases and Disorders provides

at-a-glance coverage of nearly 800 common medical problems, arranged alphabetically for immediate

access. Entries include a definition, synonyms, epidemiology, clinical presentation, etiology and pathophysiology, differential diagnosis, workup,

treatment, prognosis and outcome, plus pearls and considerations. Concise descriptions simplify

diagnosis and treatment. Section II: Procedures and

Techniques offers illustrated, step-by-step instructions for understanding and performing 111 important clinical procedures. Section III: Differential Diagnosis displays nearly every possible cause for 260 different clinical disorders. Section IV: Laboratory Tests summarizes essential information needed for interpreting more than 150 lab tests. Section V: Clinical Algorithms provides decision trees for the diagnostic and therapeutic decision-making processes involved in managing 91 of the most common clinical conditions/disorders. Section VI: Drug Formulary is a compilation of dosages and other relevant information for more than 300 new and current medications. 410 illustrations and photographs depict disease processes and related concepts. A companion website includes the complete text of the book in a fully searchable format, allowing quick access to information, and all of the book's images. It also includes 150 Client Education Sheets, each available in both English and Spanish. Clinical guidance added to diseases and disorders chapters helps you select appropriate tests and treatments for each case. 50 new client "how-to" handouts are added for a total of 150 client education sheets, helping to improve outcomes by informing clients. Technician Tips are inserted throughout nearly 800 diseases and disorders, providing specialized information for veterinary technicians. Enhanced electronic image collection on

the companion website includes color images and additional figures not found in the text.

Contains full FDA-approved drug label information--including warnings and precautions, drug interactions, and hundreds of color pill images, as well as dosages, clinical-trials, side effects, and safety.

Cinnamon is the common name for the spice obtained from the dried inner bark of several species of the genus *Cinnamomum* in the Lauraceae family. In world trade, *Cinnamomum cassia* (L.) J. Presl and *Cinnamomum burmannii* dominate, but it is of a different quality to 'true' or 'Ceylon' cinnamon produced from *Cinnamomum zeylanicum* Blume (*C. verum* J. Presl), with the latter much easier to process, giving a more delicate, sweeter flavor with nuances of clove, but more importantly with only traces (often below detection thresholds) of coumarin, compared with 5–7 g/kg in other species. Cinnamon has been a popular and expensive spice in many civilizations, including ancient Egypt, Rome and in 14th and 15th century Europe, where it was used primarily to preserve meat for its antibacterial properties, fine aroma and flavor. Ancient Egyptians used cinnamon in mummification process due to its antibacterial properties and fragrance. The quest for cinnamon brought many explorers to Ceylon, whose ancient history is intertwined with the cinnamon trade. Ancient Egyptians and Romans used cinnamon as a valued spice and as an incense. In recent years, much research has been conducted in crop improvement, processing and value addition in cinnamon. In addition to direct use as a condiment/spice, cinnamon has found a multitude of uses in the food and beverage, traditional medicine, pharmacology, nutraceutical and cosmetics industries. Ceylon cinnamon is unique in that oils distilled from the bark (major constituents are cinnamaldehyde and oleoresins), leaf (eugenol is the

major constituent used in dentistry, perfumes, flavorings and as an antioxidant) and roots (camphor) have different industrial uses. Cinnamaldehyde is now a proven natural bactericide widely used in food and beverage industry, effective against *Salmonella* spp. and *Escherichia coli*. Thus, it has become an important natural component of organic fruit and vegetable juices to enhance microbial safety of these nutritious beverages. Because of its manifold uses, cinnamon is an important crop. There have been many recent publications on its ethnobotany, genetics, crop improvement, agronomy, processing, biotechnology, chemistry, food and medicinal uses, and industrial applications. However, one book condensing all these findings is lacking. Our publication, with chapters devoted to all these aspects of cinnamon written by experts in these fields, condenses current knowledge into a single source and contribute to the advancement and dissemination of knowledge and technology. Contributors to the book constitute internationally renowned senior scientists and academics with hands-on experience as well as movers and shakers of industry, thereby striking a right balance between theory and practice. Therefore it is a valuable source for students, teachers, scientists, planners policy makers, practicing agriculturists and industrialists, and a prized acquisition to any library in higher education institutions, R & D institutions and public and private sector institutions in agriculture and allied fields. A series of case studies to show how the cooperation between science and humanities can lead to the developments in knowledge and conservation of paintings. Ever since its original publication in Germany in 1938, Max Schweidler's *Die Instandsetzung von Kupferstichen, Zeichnungen, Buchern usw.* has been recognized as a seminal modern text on the conservation and restoration of works on paper. This volume, based on the authoritative

revised German edition of 1950, makes Schweidler's work available in English for the first time, in a meticulously edited and annotated scholarly edition. An extensively illustrated appendix presents case studies of eleven Old Master prints that were treated using the techniques Schweidler discusses. The Global Innovation Index 2020 provides detailed metrics about the innovation performance of 131 countries and economies around the world. Its 80 indicators explore a broad vision of innovation, including political environment, education, infrastructure and business sophistication. The 2020 edition sheds light on the state of innovation financing by investigating the evolution of financing mechanisms for entrepreneurs and other innovators, and by pointing to progress and remaining challenges – including in the context of the economic slowdown induced by the coronavirus disease (COVID-19) crisis.

1471 new definitions, 5,236 revised or updated definitions, a new Chemical Abstract Number index, and an update of all trademarks Significant expansion of both chemical and biochemical terms including the addition of biochemical terms in the emerging fields in biology and biological engineering such as synthetic biology, highlighting the merging of the sciences of chemistry and biology Updates and expands the extensive data on chemicals, trade name products, and chemistry-related definitions Adds entries for notable chemists and Nobel Prize winners, equipment and devices, natural forms and minerals, named reactions, and chemical processes Update on toxicological profiles Offers information on topics including gene therapy, the warning signs of cancer, and biological warfare, and provides the generic and trade names of drugs with discussion of their effects.

Discusses the physical effects of aging, examines issues of caregiving and medical care for older adults, covers medical

conditions and diseases likely to affect older people, and addresses a range of key social, ethical, and legal issues related to aging. Simultaneous.

An easy-to-use, comprehensive guide to adult health offers an easy-to-use format encompassing a wide range of information on medical conditions, their prevention, treatment options, diagnosis, nutritional data, bulleted lists, and many other health issues and concerns. Original.

New edition of best-selling nursing drug guide  
After more than a century as a trusted print reference, The Merck Index\* made its debut on CD-ROM. Now, Chapman & Hall/CRC, in conjunction with Merck and Co., Inc., presents its first updated edition: Version 12.2.

Atkins' Physical Chemistry: Molecular Thermodynamics and Kinetics is designed for use on the second semester of a quantum-first physical chemistry course. Based on the hugely popular Atkins' Physical Chemistry, this volume approaches molecular thermodynamics with the assumption that students will have studied quantum mechanics in their first semester. The exceptional quality of previous editions has been built upon to make this new edition of Atkins' Physical Chemistry even more closely suited to the needs of both lecturers and students. Re-organised into discrete 'topics', the text is more flexible to teach from and more readable for students. Now in its eleventh edition, the text has

been enhanced with additional learning features and maths support to demonstrate the absolute centrality of mathematics to physical chemistry. Increasing the digestibility of the text in this new approach, the reader is brought to a question, then the math is used to show how it can be answered and progress made. The expanded and redistributed maths support also includes new 'Chemist's toolkits' which provide students with succinct reminders of mathematical concepts and techniques right where they need them. Checklists of key concepts at the end of each topic add to the extensive learning support provided throughout the book, to reinforce the main take-home messages in each section. The coupling of the broad coverage of the subject with a structure and use of pedagogy that is even more innovative will ensure Atkins' Physical Chemistry remains the textbook of choice for studying physical chemistry.

This electronic version has been made available under a Creative Commons (BY-NC-ND) open access license. Moving images of the British monarchy are almost as old as the moving image itself, dating back to an 1895 American drama, *The Execution of Mary Queen of Scots*. And from 1896, actual British monarchs appeared in the new 'animated photography', led by Queen Victoria. Half a century later the 1953 coronation of Elizabeth II was a milestone in the adoption of television,

watched by 20 million Britons and 100 million North Americans. At the century's end, Princess Diana's funeral was viewed by 2.5 billion worldwide. In the first book length examination of film and television representations of this enduring institution, distinguished scholars of media and political history analyze the screen representations of royalty from Henry VIII to 'William and Kate'. Seventeen essays by Ian Christie, Elisabeth Bronfen, Andrew Higson, Karen Lury, Glynn Davies, Jane Landman and other international commentators examine the portrayal of royalty in the 'actuality' picture, the early extended feature, amateur cinema, the movie melodrama, the Commonwealth documentary, New Queer Cinema, TV current affairs, the big screen ceremonial and the post-historical boxed set. A long overdue contribution to film and television studies, this book will be essential reading for scholars and students of British media and political history.

Organic Chemistry Concepts: An EFL Approach provides an introductory overview of the subject, to enable the reader to understand many critical, experimental facts. Designed to cover a single-semester course or a needed review on the principles of Organic Chemistry, the book is written and organized for readers whose first language is not English. Approximately 80% of the words used are drawn from the list of the 2,000 most common English words; the remaining 20% includes

necessary technical words, common chemistry terms, and well-known academic words (per the Academic Word List). The book has been class-tested internationally as well as with native English speakers, and differs from other introductory textbooks in the subject both in its coverage and organization, with a particular focus on common problem areas. Focused on a limited number of functional classes, *Organic Chemistry Concepts: An EFL Approach* introduces those organic compounds early in the book. Once readers have a foundation of the concepts and language of organic chemistry, they can build from that knowledge and work with relatively complex molecules, such as some natural product types covered in a later chapter. The book describes basic level reaction mechanisms when instructive, and illustrations throughout to emphasize the 3D nature of organic chemistry. The book includes multiple pedagogical features, such as chapter questions and useful appendices, to support reader comprehension. Covers all primary concepts in accessible language and pedagogical features, worked examples, glossary, chapter questions, illustrations, and useful summaries Builds a foundation of key material through a structured framework from which readers can expand their understanding Contains class-tested content written in a straightforward and accessible manner for non-native English speakers

This volume of the "IARC Monographs" provides an assessment of the carcinogenicity of 14 drugs and herbal products. The IARC Monographs Working Group relied mainly on epidemiological studies to evaluate the carcinogenic hazard to humans exposed to the drugs digoxin (widely prescribed for the treatment of chronic heart failure), pioglitazone (used for the treatment of type 2 diabetes mellitus), and hydrochlorothiazide (used to treat hypertension). Other agents evaluated included the drugs primidone, sulfasalazine, pentosan polysulfate sodium, and triamterene, and five herbal products (or their components): Aloe vera whole leaf extract, goldenseal root powder, Ginkgo biloba leaf extract, kava extract, and pulegone. In view of the limited agent-specific information available from epidemiological studies, assessments of these agents relied mainly on carcinogenicity bioassays to reach conclusions as to the carcinogenic hazard to exposed humans.

**THE CONSUMER'S GUIDE TO  
PILLS—COMPLETELY REVISED 14th EDITION  
FOR 2010 WITH MORE THAN 20 IMPORTANT  
NEW DRUGS AND DOZENS OF NEW BRAND  
NAMES** For more than three decades, millions of consumers have trusted The Pill Book to provide official, FDA-approved information on more than 1,800 of the most commonly prescribed drugs in the United States with guidelines from leading

pharmacists. Each drug is profiled in a concise, readable, easy-to-understand entry, making *The Pill Book* the perfect reference when you have questions about the medications your doctor prescribes. Inside you'll discover • generic and brand-name listings that can help you save money • What each drug is for, and how it works • usual dosages, and what to do if a dose is skipped • side effects and possible adverse reactions, highlighted for quick reference • interactions with other drugs and food • overdose and addiction potential • alcohol-free and sugar-free medications • the most popular self-injected medications and their safe handling • information for seniors, pregnant and breast-feeding women, children, and others with special needs • cautions and warnings, and when to call your doctor • 32 pages of actual-size color photographs of prescription pills\* No home should be without this book! \*Not all ereading devices will show the images in color and at the exact size.

Building on the success of the 14 previous editions, this remarkable reference has been extensively reorganized and expanded and now comprises almost 1,500 individual drug articles providing the most complete coverage of adverse reactions and interactions found anywhere. Each article contains detailed and authoritative information about the adverse effects of each drug, with comprehensive references to the primary literature making this a must have for any academic or medical library, pharmacologist, regulatory organization, hospital dispensary or pharmaceutical company.

Now available online for all academic, corporate or government institution as well as individuals via Science Direct! The online version provides an unparalleled depth of coverage and functionality by offering convenient desktop access and enhanced features such as increased searchability, extensive internal cross-linking and fully downloadable and printable full-text, HTML or PDF articles. Enhanced encyclopedic format with drug monographs now organised alphabetically Completely expanded coverage of each drug - thalidomide warranted three sentences in Meyler's 14th edition, but is now a 13 page extensive monograph Clearer, systematic organization of information for easier reading including case histories to provide perspective on each listing Extensive bibliography with over 40,000 references - Meyler's 15th edition incorporates all relevant citations from Meyler's 14th, but also includes relevant citations from previous editions of Meyler's and Side Effects of Drugs Annuals to give a historical perspective on the use and safety of drugs

Introduce your students to the latest advances in spectroscopy with the text that has set the standard in the field for more than three decades: INTRODUCTION TO SPECTROSCOPY, 5e, by Donald L. Pavia, Gary M. Lampman, George A. Kriz, and James R. Vyvyan. Whether you use the book as a primary text in an upper-level spectroscopy course or as a companion book with an organic chemistry text, your students will receive an unmatched, systematic introduction to spectra and basic theoretical concepts in spectroscopic methods. This acclaimed resource features up-to-date spectra; a modern presentation of one-dimensional nuclear magnetic resonance (NMR) spectroscopy; an introduction to biological molecules in mass spectrometry; and coverage of modern techniques alongside DEPT, COSY, and HECTOR. Important Notice: Media

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The Merck Index An Encyclopedia of Chemicals, Drugs, and Biologicals Merck

Now in paperback—the most comprehensive home health reference bestseller Millions of people around the world have relied on The Merck Manual Home Health Handbook for quick access to authoritative, accessible health information. Written by more than 300 internationally respected medical experts, this comprehensive medical resource features extensive, up-to-date coverage of health care for newborns, the elderly, and everyone in between. Contains reliable, up-to-date information on a broad range of medical conditions, illnesses, and situations, including accidents and injuries, aging, cancer, diabetes, digestive disorders, heart disease, mental health disorders, and many others Covers men's, women's, pediatric (both newborns and older children), and geriatric health issues Well organized and extensively indexed to make information easy to find An extraordinary bargain at a penny a page The Merck Manual Home Health Handbook is filled with essential medical information that's both easy to find and easy to understand in order to help you communicate more effectively with your doctor, understand a diagnosis or treatment option, or simply know more about your health and the health of those you care about.

The Go-To Reference for Chemists for More Than 70 Years – Completely Updated to Include Today's Essential Topics Lange's Handbook of Chemistry, Seventeenth Edition is written to provide a reliable one-stop source of factual information for today's working chemist. Within its pages, you will find an unmatched compilation of facts, data, tabular material, and experimental findings that span every area of chemistry. Included in this fully updated Seventeenth Edition are listings of the properties of more than 4,000 organic and

1,400 inorganic compounds. The Seventeenth Edition is enhanced by the addition of an all-new section on Naturally Occurring Chemicals and Chemical Sources. This timely new content includes descriptions of coal, crude oil, natural gas, tar sand and tar sand bitumen, oil shale, biomass and biofuels, and minerals. Sections include: • Inorganic Chemistry • Organic Chemistry • Naturally Occurring Chemicals and Chemical Sources • Spectroscopy (available online at [www.mhprofessional.com/Langes](http://www.mhprofessional.com/Langes)) • General Information and Conversion Tables (available online at [www.mhprofessional.com/Langes](http://www.mhprofessional.com/Langes)) If you prefer the convenience of one authoritative resource, rather than a multitude of scattered and diverse references, Lange's Handbook of Chemistry, Seventeenth Edition belongs on your desk.

Up-to-Date Coverage of All Chemical Engineering Topics?from the Fundamentals to the State of the Art Now in its 85th Anniversary Edition, this industry-standard resource has equipped generations of engineers and chemists with vital information, data, and insights. Thoroughly revised to reflect the latest technological advances and processes, Perry's Chemical Engineers' Handbook, Ninth Edition, provides unsurpassed coverage of every aspect of chemical engineering. You will get comprehensive details on chemical processes, reactor modeling, biological processes, biochemical and membrane separation, process and chemical plant safety, and much more. This fully updated edition covers: Unit Conversion Factors and Symbols • Physical and Chemical Data including Prediction and Correlation of Physical Properties • Mathematics including Differential and Integral Calculus, Statistics , Optimization • Thermodynamics • Heat and Mass Transfer • Fluid and Particle Dynamics • Reaction Kinetics • Process Control and Instrumentation • Process Economics • Transport and

Storage of Fluids • Heat Transfer Operations and Equipment • Psychrometry, Evaporative Cooling, and Solids Drying • Distillation • Gas Absorption and Gas-Liquid System Design • Liquid-Liquid Extraction Operations and Equipment • Adsorption and Ion Exchange • Gas-Solid Operations and Equipment • Liquid-Solid Operations and Equipment • Solid-Solid Operations and Equipment • Chemical Reactors • Bio-based Reactions and Processing • Waste Management including Air, Wastewater and Solid Waste Management\* Process Safety including Inherently Safer Design • Energy Resources, Conversion and Utilization\* Materials of Construction

Now featuring new themed Modules experiments with real world applications, this Seventh Edition derives many experiments and procedures from the classic Feiser lab text, giving it an unsurpassed reputation for solid, authoritative content. This proven manual offers a flexible mix of macroscale and microscale options for most experiments, emphasizing safety and allowing savings on the purchase and disposal of expensive, sometimes hazardous, organic chemicals. Macroscale versions for less costly experiments allow users to get experience working with conventionally-sized glassware. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Provides chemical and physical data

The British Pharmacopoeia (BP) 2016 will see the introduction of a new, integrated website [pharmacopoeia.com](http://pharmacopoeia.com) that will provide a single place to access the BP online and to order British Pharmacopoeia Chemical Reference Substances. The site will replace [pharmacopoeia.co.uk](http://pharmacopoeia.co.uk) and will

feature more information and a new look with improved functionality and accessibility. This edition also sees the introduction of a download format for use offline. This replaces the USB, and has the benefit of being updated three times per year to harmonise with the European Pharmacopoeia. Updated annually, the BP is the only comprehensive collection of authoritative official standards for UK pharmaceutical substances and medicinal products. The BP 2016 includes almost 4,000 monographs which are legally enforced by the Human Medicines Regulations 2012, and becomes legally effective on 1 January 2016. Where a pharmacopoeial monograph exists, medicinal products sold or supplied in the UK must comply with the relevant monograph. All monographs and requirements of the European Pharmacopoeia are also reproduced in the BP.

This highly illustrated book brings together many concepts related to skin care and antioxidant usage in one convenient text. The second edition now contains the latest antioxidants being marketed, and an analysis of risks and benefits associated. An internationally acclaimed reference work recognized as one of the most authoritative and comprehensive sources of information on excipients used in pharmaceutical formulation with this new edition providing 340 excipient monographs. Incorporates information on the uses, and chemical

and physical properties of excipients systematically collated from a variety of international sources including: pharmacopeias, patents, primary and secondary literature, websites, and manufacturers' data; extensive data provided on the applications, licensing, and safety of excipients; comprehensively cross-referenced and indexed, with many additional excipients described as related substances and an international supplier's directory and detailed information on trade names and specific grades or types of excipients commercially available.

The Merck Index is a one-volume encyclopedia of chemicals, drugs and biologicals that contains more than 10,000 monographs. Each monograph in this authoritative reference source is a concise description of a single substance or a small group of closely related compounds. Compounds included: • human and veterinary drugs • biotech drugs and monoclonal antibodies • substances used for medical imaging • biologicals and natural products • plants and traditional medicines • nutraceuticals and cosmeceuticals • agriculturals, pesticides and herbicides • Organic chemicals used in research • Food additives and supplements • dyes, colors and indicators • environmentally significant substances

Information provided: • chemical, common and generic names • Over 15,000 trademarks and associated companies • CAS Registry Numbers for over 12,000 compounds • Over 8,500 chemical

structures • molecular formulae, weights and percentage composition • capsule statements identifying compound classes and scientific significance • scientific and patent literature references • physical and toxicity data • therapeutic and commercial uses • caution and hazard information In addition, there are more than 700 new and completely revised monographs, thousands of new references, trademarks and uses added to existing monographs. Now includes a companion CD-ROM which features 989 monographs no longer available in print, organic name reactions, supplemental tables and a new user interface for user-friendly searching. Features of the CD: Searchable by keywords, references, and numerical properties Search the complete contents of the 14th edition, plus nearly a thousand monographs archived from previous editions Comes with a free one-year subscription to the Merck Index Internet Edition Windows-compatible CD powered by CambridgeSoft's ChemFinder Extensively revised supplemental tables now including acronyms, vaccines, and physical constants More than 70 pages of hard to find information in one easy-to-use place

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