No. of C atoms	Name of alkane	Molecular formula
1	Methane	CH ₄
2	Ethane	C ₂ H ₆
3	Propane	C ₃ H ₈
4	Butane	C ₄ H ₁₀
5	Pentane	C ₅ H ₁₂
6	Hexane	C ₆ H ₁₄
7	Heptane	C ₇ H ₁₆
8	Octane	C ₈ H ₁₈
9	Nonane	C ₉ H ₂₀
10	Decane	C ₁₀ H ₂₂

Hydrocarbon Compounds Guide

William Simon

Hydrocarbon Compounds Guide:

Handbook of Industrial Hydrocarbon Processes James G. Speight, 2010-12-24 Written by an author with over 38 years of experience in the chemical and petrochemical process industry this handbook will present an analysis of the process steps used to produce industrial hydrocarbons from various raw materials It is the first book to offer a thorough analysis of external factors effecting production such as cost availability and environmental legislation An A Z list of raw materials and their properties are presented along with a commentary regarding their cost and availability Specific processing operations described in the book include distillation thermal cracking and coking catalytic methods hydroprocesses thermal and catalytic reforming isomerization alkylation processes polymerization processes solvent processes water removal fractionation and acid gas removal Flow diagrams and descriptions of more than 250 leading edge process technologies An analysis of chemical reactions and process steps that are required to produce chemicals from various raw materials Properties availability and environmental impact of various raw materials used in hydrocarbon processing Manual on Hydrocarbon Analysis A. W. Drews, 1998 Hydrocarbon Analysis ,1977 Handbook of Industrial Toxicology and Hazardous Materials Nicholas P. Cheremisinoff, 1999-01-12 Providing vital safety information on over 1000 commerical chemicals this work explores up to date data on fire and chemical compatibility response methods for incidents involving chemical spills and fires and personnel and worksite safety monitoring and sampling The book includes more than 700 illustrations structures equations and tables and a glossary with over 700 definitions **Chemical Principles** Student's Study Guide & Solutions Manual John Krenos, Joseph Potenza, Loretta Jones, Lynn Koplitz, Thomas Spence, 2004-03-19 This combination manual is designed to help students avoid common mistakes and understand the material better The solutions manual section includes detailed answers and explanations to the odd numbered exercises in Manual of the Chemistry of the Carbon Compounds Carl Schorlemmer, 1874 Manual of Chemistry: the text Chemistry of carbon-compounds; or, Organic chemistry Henry Watts, 1886 Manual of chemistry. A guide to lectures and laboratory work for beginners in chemistry. A tect-book specially adapted for students of medicine, pharmacy, and dentistry William Simon, 1901 CRC Handbook of Data on Organic Compounds David R. Lide, G.W.A. Milne, 1993-12-30 The CRC Handbook of Data on Organic Compounds Third Edition HODOC III is The master reference of more than 27 000 organic compounds thoroughly indexed to locate specific compounds This new seven volume treatise offers your patrons an unprecedented range of current accurate and clearly presented data presenting the most frequently used chemical physical and spectral data from the most reliable sources Researchers in any scientific field engineers technicians chemists and librarians will turn to HODOC III as an effective complete source of data OSHA Technical Manual Occupational Safety and Health Administration, Staff,1999-08-01 Used by the OSH Administration's compliance officers as a reference for technical information on safety and health issues this manual enables both business and industry to evaluate their own

facilities for compliance with the Occupational Safety and Health Act The manual features all compliance and regulatory revisions issued by the Occupational Safety and Health Administration effective January 20 1999 and covers such topics as sampling and measurement methods health hazards construction operations health care facilities ergonomics and personal **Technical Manual** United States. War Department, Industrial chemistry, a manual based protective equipment upon Payen's 'Précis de chimie industrielle'. Benjamin Horatio Paul, 1878 Manual of Classification United States. Patent and Trademark Office, 1998 Includes list of replacement pages Handbook of Environmental Contaminants Chris Shineldecker, 2023-05-09 Handbook of Environmental Contaminants A Guide for Site Assessment is an indispensable working reference for environmental assessment professionals faced with determining potential environmental contaminants that might be found in the soil groundwater or air of a property or facility The book provides a comprehensive listing of potential contaminants associated with hundreds of industries activities and processes. The types of properties covered range from agricultural to heavy industrial The products and processes covered range from the processing of yeast to the constituents of rocket fuel The book also discusses products associated with the degradation of common chemical solvents in the environment Handbook of Environmental Contaminants A Guide for Site Assessment is an important reference for environmental consultants workers on Superfund sites public health and safety professionals attorneys educators and Manual of Chemistry William Simon, 1893 Industrial Chemistry. A Manual for the Use in students and lenders Technical Colleges Or Schools and for Manufacturers &c. Based Upon a Translation (partly by Dr. T.D. Barry) of Stohmann and Engler's German Edition of Paven's 'Précis de Chimie Industrielle' Anselme Paven, 1878 **Produced Water** Treatment Field Manual Maurice Stewart, Ken Arnold, 2011-08-08 Of Filter Types P 148 **Field Operations and** Enforcement Manual for Air Pollution Control Melvin I. Weisburd, 1972 Field Operations and Enforcement Manual for Air Pollution Control Mel Weisburd, 1972 APTD-1100: Field Operation and Enforcement Manual for Air Pollution Control United States. Air Programs Office, 1972 The Field Operations and Enforcement Manual for Air Pollution Control Volume I explains in detail the following sources and classification of pollutants meteorological influence on air quality the air pollution control agency the field enforcement officer the enforcement process prosecuting violation and inspection techniques including plume evaluation collection of evidence handling of complaints and operation of field equipment Techniques can be applied by state and local air pollution control agencies to meet ambient air quality objectives

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