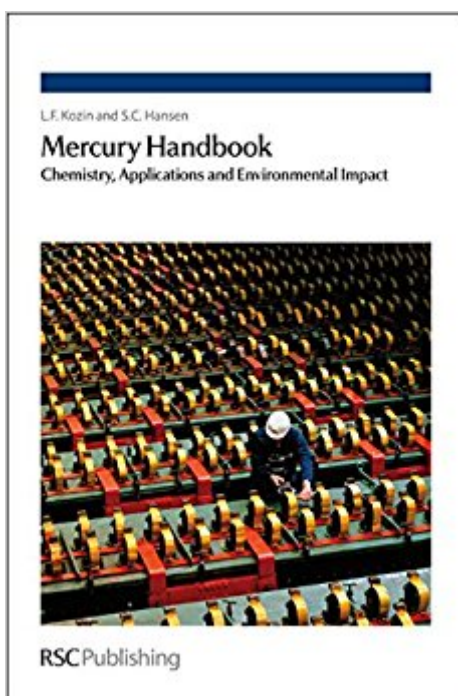


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# Mercury Handbook: Chemistry, Applications And Environmental Impact



## Synopsis

Mercury has many applications in scientific research and industry from amalgams for dental restoration to light bulbs. Developed from a combination of material originally published in Russian and the authors' research knowledge, this book provides a comprehensive treatise on the chemistry and metallurgy of amalgams. Coverage includes analysis, physico-chemical properties, electrochemistry, purification, inorganic and organic mercury chemistry, industrial application and synthesis and environmental aspects of mercury. This book provides a thorough understanding of amalgam metallurgy which is essential for academics, industrialists and postgraduates working in relevant fields. Guaranteed to bring a wealth of information, this book will be a welcome addition to the literature.

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the literature.

Mercury has continued industrial applications in discharge lighting and the production of semiconductors. Its use in electrochemistry is well established. Developed from a collection of material originally published in Russian and the authors' individual research and experience, this book provides a comprehensive treatise on the chemistry, metallurgy, and environmental aspects of mercury. Coverage includes chemical and physical properties of pure mercury, electrochemistry, purification, inorganic and organic mercury chemistry, industrial applications, synthesis, environmental, legislative and medical aspects of mercury. This book provides a thorough understanding of mercury chemistry and related environmental issues. It is essential for academics, industrialists and postgraduates working in fields using mercury and is guaranteed to bring a wealth of information. The Mercury Handbook will be a welcome addition to the literature.

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