

EMI 2743003774

Guide to "Carbon Monoxide: Formation, Measurement, Toxicity"

An informational overview of the book by Jean-Luc GERONIMI

INTRODUCTION TO THE PUBLICATION

This guide provides an overview of the book "*Le monoxyde de carbone : formation, mesure, toxicité, pollution urbaine, principales causes d'intoxication oxycarbonée*", authored by Jean-Luc GERONIMI. Published by EMI, this French edition delves into critical aspects of carbon monoxide, a colorless, odorless, and highly toxic gas. The book serves as a comprehensive resource for understanding the dangers and characteristics of carbon monoxide.



This image displays the front cover of the book 'Carbon Monoxide: Formation, Measurement, Toxicity, Urban Pollution, Main Causes of Carbon Monoxide Poisoning'. The cover features a green background with a swirling red, blue, and white abstract design. The title 'Le monoxyde de carbone' is prominently displayed in white text. Below the title, additional descriptive text in smaller font outlines the book's focus areas.

Key Concepts and Topics Covered

The book systematically explores various facets of carbon monoxide, providing detailed insights into its nature and impact. Key areas of focus include:

- **Formation of Carbon Monoxide:** Discussion on how carbon monoxide is produced, particularly from incomplete combustion of carbon-containing fuels. This section covers the chemical processes and common sources.
- **Measurement Techniques:** Methods and technologies used to detect and quantify carbon monoxide levels in various environments, including air quality monitoring and personal exposure assessment.
- **Toxicity and Health Effects:** A thorough examination of the physiological impact of carbon monoxide on the human body, detailing symptoms of poisoning, mechanisms of action, and long-term health consequences.
- **Urban Pollution:** Analysis of carbon monoxide as an urban air pollutant, its sources in metropolitan areas (e.g., vehicle emissions, industrial processes), and its contribution to air quality issues.
- **Main Causes of Carbon Monoxide Poisoning:** Identification of common scenarios and devices that lead to carbon monoxide intoxication, such as faulty heating systems, unvented appliances, and vehicle exhaust.

Understanding Carbon Monoxide Risks

The publication emphasizes the importance of understanding carbon monoxide risks due to its insidious nature. Being colorless, odorless, and tasteless, it can accumulate to dangerous levels without detection, making awareness and preventive measures crucial. The book provides foundational knowledge for both general readers and professionals interested in environmental health and safety.

Book Specifications

Author	Jean-Luc GERONIMI
Publisher	EMI
Publication Date	April 7, 2000
Language	French
Print Length	176 pages
ISBN-10	2743003774
ISBN-13	978-2743003777
Item Weight	10.2 ounces
Dimensions	6.3 x 0.31 x 9.45 inches

Author Information

Jean-Luc GERONIMI is the author of this informative work. His expertise contributes to the comprehensive nature of the book, making it a valuable resource for understanding carbon monoxide. For more information about the author, you may visit his Amazon author page:[Jean-Luc GERONIMI Author Page](#).

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