NIOSH/OSHA

Occupational Health Guidelines for Chemical Hazards

Editors
Frank W. Mackison
National Institute for Occupational Safety and Health
R. Scott Stricoff
Lawrence J. Partridge, Jr.
A. D. Little, Inc.

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Centers for Disease Control
National Institute for Occupational Safety and Health

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

January 1981

DHHS (NIOSH) Publication No. 81-123

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402

Abstract

Occupational Health Guidelines for Chemical Hazards summarizes information on permissible exposure limits, chemical and physical properties, and health hazards. It provides recommendations for medical surveillance, respiratory protection, and personal protection and sanitation practices for specific chemicals that have Federal occupational safety and health regulations. These recommendations reflect good industrial hygiene and medical surveillance practices, and their implementation will assist development and maintenance of an effective occupational health program.

Acknowledgements

These guidelines were prepared by Arthur D. Little, Inc. under NIOSH contract No. 210-76-0161 from data compiled, evaluated, and reviewed under the joint NIOSH/OSHA Standards Completion Program. Frank W. Mackison was the NIOSH Project Officer responsible for management and technical direction. R. Scott Stricoff was responsible for management and technical direction of the project for the contractor. NIOSH gratefully acknowledges the extensive effort performed by the many individuals who worked on the Standards Completion Program in assembling and evaluating the technical data contained in these guidelines. Thanks are also due to those who reviewed and commented on these guidelines during their development. Special recognition is due to David J. Brancato, who reviewed the drafts for NIOSH; to Scott Merkle and Nancy Hughes, who reviewed them for OSHA; to Ana M. Stricoff, editor for Arthur D. Little, Inc.; to Russell Hinton, NIOSH Printing Officer, and Richard Lutz, Printing Specialist, U.S. Public Health Service, for their advice and assistance in producing the document using the U.S. Government Printing Office photocomposition facilities.

TABLE OF CONTENTS

*Guidelines for these subjects are not included in this edition.

TABLE OF CONTENTS (Continued)