

NIOSH

**CRITERIA FOR A RECOMMENDED STANDARD....
OCCUPATIONAL EXPOSURE TO**

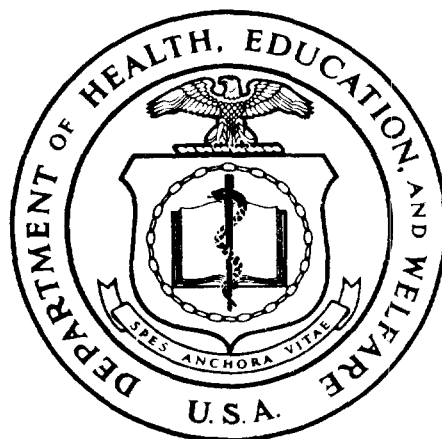
DINITRO-ORTHO-CRESOL



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
Center for Disease Control
National Institute for Occupational Safety and Health

criteria for a recommended standard

**OCCUPATIONAL EXPOSURE
TO
DINITRO-ORTHO-CRESOL**



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National Institute for Occupational Safety and Health

February 1978

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Mention of company names or products does not constitute endorsement by the National Institute for Occupational Safety and Health.

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PREFACE

The Occupational Safety and Health Act of 1970 emphasizes the need for standards to protect the health and safety of workers exposed to an ever-increasing number of potential hazards at their workplace. The National Institute for Occupational Safety and Health has projected a formal system of research, with priorities determined on the basis of specified indices, to provide relevant data from which valid criteria for effective standards can be derived. Recommended standards for occupational exposure, which are the result of this work, are based on the health effects of exposure. The Secretary of Labor will weigh these recommendations along with other considerations such as feasibility and means of implementation in developing regulatory standards.

It is intended to present successive reports as research and epidemiologic studies are completed and as sampling and analytical methods are developed. Criteria and standards will be reviewed periodically to ensure continuing protection of the worker.

I am pleased to acknowledge the contributions to this report on dinitro-ortho-cresol by members of the NIOSH staff and the valuable constructive comments by the Review Consultants on Dinitro-ortho-Cresol, by the ad hoc committee of the American Conference of Governmental Industrial

Hygienists, and by Robert B. O'Connor, M.D., NIOSH consultant in occupational medicine. The NIOSH recommendations for standards are not necessarily a consensus of all the consultants and professional societies that reviewed this criteria document on dinitro-ortho-cresol. A list of Review Consultants appears on page vi. A list of review consultants and a list of the federal agencies to which the document was submitted are given on pages vi and vii.

A handwritten signature in cursive script, appearing to read "J. Donald Millar".

J. Donald Millar, M.D.
Assistant Surgeon General
Acting Director, National Institute
for Occupational Safety and Health

The Division of Criteria Documentation and Standards Development, National Institute for Occupational Safety and Health, had primary responsibility for development of the criteria and recommended standard for dinitro-ortho-cresol. David J. Brancato of this Division served as criteria manager. SRI International developed the basic information for consideration by NIOSH staff and consultants under contract CDC-99-74-31.

The Division review of this document was provided by Douglas L. Smith, Ph.D. (Chairman), Jon R. May, Ph.D., and Richard A. Rhoden, Ph.D, with Larry K. Lowry, Ph.D. (Division of Biomedical and Behavioral Science), Harry M. Donaldson (Division of Surveillance, Hazard Evaluations, and Field Studies), and Charles C. Hassett, Ph.D.

The views expressed and conclusions reached in this document, together with the recommendations for a standard, are those of NIOSH. These views and conclusions are not necessarily those of the consultants, other federal agencies or professional societies that reviewed the document, or of the contractor.

REVIEW CONSULTANTS ON DINITRO-ORTHO-CRESOL

Marvin L. Amdur, M.D.
Industrial Physician
Buffalo Industrial Medical Center
Buffalo, New York 14207

Dennis I. Chamot, Ph.D.
Assistant to the Executive Secretary
Council of AFL-CIO Unions for
Professional Employees
Washington, D.C. 20006

Troy C. Dorris, Ph.D.
Director
Reservoir Research Center
Oklahoma State University
Stillwater, Oklahoma 74075

Charles W. Flickinger
Industrial Hygienist
Koppers Company, Inc.
Monroeville, Pennsylvania 15146

Donald G. MacKellar
Manager
Product Safety and Toxicology
FMC Corporation
Princeton, New Jersey 08540

Charles E. McJilton, Ph.D.
Senior Industrial Hygienist
Laboratory Director
Washington Department of Labor and Industry
Olympia, Washington 98504

FEDERAL AGENCIES

Department of Agriculture
Agricultural Research Service

Department of the Army
Army Environmental Hygiene Agency

Department of the Navy
Bureau of Medicine and Surgery
Navy Environmental Health Center

Department of the Air Force
Office of the Surgeon General

Department of Health, Education, and Welfare
National Institutes of Health
National Cancer Institute
National Institute of Environmental Health
Sciences
National Institute of Neurological and
Communicative Diseases and Strokes

Consumer Product Safety Commission
Bureau of Biomedical Science

Energy Research and Development Administration
Division of Safety Standards and Compliance

Environmental Protection Agency
Health Effects Research Laboratory
Office of Research and Development

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