



# The National Institute for Occupational Safety and Health (NIOSH)

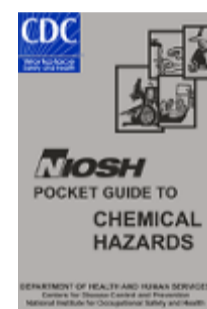
[The National Institute for Occupational Safety and Health \(NIOSH\) Home](#)

Promoting productive workplaces through safety and health research 

## NIOSH Pocket Guide to Chemical Hazards

### Overview

The *NIOSH Pocket Guide to Chemical Hazards* (NPG) informs workers, employers, and occupational health professionals about workplace chemicals and their hazards. The NPG gives general industrial hygiene information for hundreds of chemicals/classes. The NPG clearly presents key data for chemicals or substance groupings (such as cyanides, fluorides, manganese compounds) that are found in workplaces. The guide offers key facts, but does not give all relevant data. The NPG helps users recognize and control workplace chemical hazards.



NIOSH offers four versions of the NPG: print, online, PDF, and mobile web app.

### Search the *Online NIOSH Pocket Guide to Chemical Hazards*

Search

Enter search terms separated by spaces.

For chemicals not listed and/or lacking occupational exposure limits (OELs), NIOSH recommends consulting the [NIOSH Occupational Exposure Banding Safety and Health Topic Page](#).

[Index of Chemical Names, Synonyms and Trade Names](#)

[Index of CAS Numbers](#)

### Download the *NIOSH Pocket Guide to Chemical Hazards* (mNPG)

#### PDF Version

The PDF version of the NPG is 6,192KB

#### Mobile App

The NIOSH Pocket Guide Mobile Web App requires an Apple iPhone or Android phone.

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## Contents



- [Introduction](#)
  - [Search the NIOSH Pocket Guide](#)
  - [Index of Chemical Names, Synonyms and Trade Names](#)
  - [Index of CAS Numbers](#)
  - [Index of RTECS Numbers](#)
  - [Appendices](#)
- 

## What's Inside



The NIOSH Pocket Guide includes the following:

- Chemical names, synonyms, trade names, CAS, RTECS, and DOT ID and guide numbers
  - Chemical structure/formula, conversion factors
  - NIOSH recommended exposure limits (RELs)
  - Occupational Safety and Health Administration (OSHA) permissible exposure limits (PELs)
  - [NIOSH immediately dangerous to life and health values \(IDLHs\)](#)
  - Physical description and chemical and physical properties of agents
  - Measurement methods
  - Personal protection and sanitation recommendations
  - Respirator selection recommendations
  - Incompatibilities and reactivities of agents
  - Exposure routes, symptoms, target organs, and first aid information
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## Ordering Information



To **order** free copies of the NIOSH Pocket Guide go to the [NIOSH document listing at CDC-INFO On Demand](#).

**Other vendors** of the NIOSH Pocket Guide:

[Superintendent of Documents](#) 

Government Printing Office  
Washington, D.C. 20402-9325  
202-512-1800  
GPO stock number 017-033-00500-1

[National Technical Information Service \(NTIS\)](#) 

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