

Fast, reliable access to the critical information you need.

RTECS® from CCOHS

– a trusted source for essential information on:

Toxicological data and reviews

International workplace exposure limits

References to US standards and regulations

Analytical methods

Exposure and hazard survey data

The NIOSH Registry of Toxic Effects of Chemical Substances (RTECS®) provides critical toxicological information with citations from more than 2,500 international journals, textbooks, technical reports, scientific proceedings and compendia.

Enhanced by CCOHS to make it even easier to search and understand, the RTECS® database provides information on more than 155,000 substances with approximately 420,000 chemical names and synonyms, and over 130,000 unique CAS numbers.





What our clients are saying

"CCOHS software is easy to implement and helps me greatly in my research ...allowing immediate access to all the information I need. And the technical support provided by CCOHS is excellent."

DR. STEVEN CRAGG Toxicologist/Consultant ToxTemps Inc.



RTECS® from CCOHS is the

information source for:

world renowned

Toxicologists

MSDS Writers

Industrial Hygienists

Pharmacologists

Product Safety Specialists

Health and Safety Specialists

Registry of Toxic Eff

Only with RTECS® enhanced by CCOHS:

You can be sure your research is complete... whether your search retrieves *one* toxicity citation or *one hundred*.

"The process of maintaining and updating RTECS® requires continuous searching of the world's toxicological literature to find new substances for entry into the file and additional toxicity studies to add to or modify existing records."

Sweet, D., Anderson, V., and Fang, J. "An Overview of the Registry of Toxic Effects of Chemical Substances (RTECS): Critical information on chemical hazards." *Chemical Health and Safety*. Vol. 6, no. 6 (Nov/Dec. 1999), p. 12–16.

PLUS Exceptional client service and support – from the CCOHS team of OSH, environmental and IT experts – included free with your subscription!

Meeting your research needs

) Easier, more powerful searching – using a master index and a comprehensive library of toxic effects codes*

*RTECS® Toxic Effects Codes

Organ, tissue, or functional system

- A. Brain and coverings
- B. Spinal cord
- C. Peripheral nerve and sensation
- D. Sense organs and special senses (nose, eye, ear, and taste)
- E. Autonomic nervous system
- F. Behavioural
- G. Cardiac
- H. Vascular
- J. Lung, thorax, or respiration
- K. Gastrointestinal
- L. Live
- M. Kidney, ureter, and bladder
- N. Endocrine
- P. Blood
- Q. Musculoskeletal
- R. Skin and appendages
- T. Reproductive
- U. Nutritional and gross metabolic
- V. Tumorigenic
- Y. Biochemical
- Z. Related to chronic data
- One-stop research NIOSH codes and acronyms have been replaced by full-text descriptions and

- explanations, making the data readable and instantaneously useable.
- Full citations obtain and evaluate original literature within the context of your own corporate or regulatory requirements
- Currency new records and updates added every quarter so you stay up-to-date
- More help an extensive help section, including RTECS® – A Comprehensive Guide, to help you understand and interpret data
- Reduced record size for printing and viewing, without compromising content
- Customized print formats to suit your needs



ects of Chemical Substances

RTECS® is the source for authoritative, up-to-date information on chemical hazards

Acute Toxicity Data

Single dose toxicity data (LD50 and LC50); mammalian and non-mammalian species

Primary Irritation Data

Skin and eye irritation; only positive results are cited

Other Multiple Dose Data

Describes effects of chronic toxicity studies (13-week, 26-week, 1-year and 2-year).

Tumorigenic Data

Individual studies are evaluated based on RTECS® criteria – carcinogenic, neoplastic and equivocal tumorigenic results

Carcinogenicity Status

By OSHA, IARC, NTP, ACGIH, EPA Genetox Program

Reproductive Effects

Results from mammalian studies with seven categories of data covered including:

-) teratogenicity
-) effects on fertility
-) effects on the embryo or fetus
-) effects on newborns

with over 65 unique effects codes used to describe results!

Mutagenic Effects

Positive results cited for 20 specific tests as they relate to single cell systems, insects, fish, animals and humans

... all with complete citations to original literature so you can evaluate the data and draw independent conclusions!



RTECS® is also available in French and Spanish with description indexes.

RTECS° is also available through CCOHS' Academic Support Program,
a collection of six OSH databases, specially designed for colleges and universities, or other degree granting institutions.

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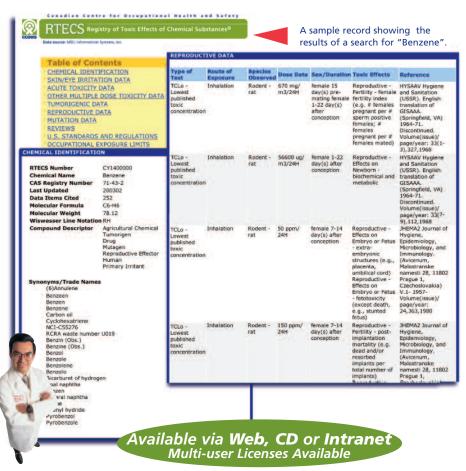


CCOHS – a trusted source

The Canadian Centre for Occupational
Health and Safety (CCOHS) is a national
non-profit organization that collects,
evaluates and distributes information
on workplace health, safety and the
environment from sources around the
world. Recognized internationally as
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CCOHS is governed by a Council with
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