

## TOXNET

<https://toxnet.nlm.nih.gov>

Databases on toxicology, hazardous chemicals, environmental health, and toxic releases

**Alternatives to Animal Testing (ALTBIB®)** — Resources related to Alternatives to the Use of Live Vertebrates in Biomedical Research and Testing

**ChemIDplus®** — Online dictionary of chemical substances cited in the NLM databases and other Internet resources

**Comparative Toxicogenomics Database (CTD®)** — Scientific data describing relationships between chemicals, genes, and human diseases

**Haz-Map®** — Occupational health database linking jobs and hazardous tasks with occupational diseases and their symptoms

**Hazardous Substances Data Bank (HSDB®)** — Toxicology and environmental science data

**Household Products Database (HPD)** — Potential health effects of chemicals in common household products

**Integrated Risk Information System (IRIS)** — Hazard identification and dose-response assessments for chemicals

**International Toxicity Estimates for Risk (ITER)** — Risk information for chemicals from authoritative groups worldwide

**LactMed® (Drugs and Lactation Database)** — Database of medications to which breast feeding mothers may be exposed and their effects on nursing infants and on lactation

**TOXLINE® (Toxicology Literature Online)** — Bibliographic database of toxicological references

**TOXMAP®** — Interactive environmental health maps showing locations of toxic chemical releases and hazardous waste sites

**Toxics Release Inventory (TRI)** — Annual environmental releases of toxic chemicals by U.S. facilities

## Additional Resources from NLM

**Chemical Hazards Emergency Medical Management (CHEMM)** <https://chemm.nlm.nih.gov>

Resource enabling first responders and other health care providers and planners to prepare for, respond to, recover from, and mitigate the effects of mass casualty incidents involving chemicals

**Drug and Dietary Supplement Information** <http://druginfo.nlm.nih.gov> and <http://dclid.nlm.nih.gov/>

Quick access to quality drug and dietary supplement information

**LiverTox®** <http://livertox.nih.gov>

Clinical and research information on drug-induced liver injury, in partnership with the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

**MedlinePlus®** <https://medlineplus.gov/>

Consumer environmental health information

**Pathways for Public Health Information** <https://sis.nlm.nih.gov/pathway.html>

Links to Internet resources on selected toxicology and environmental health issues

**PubMed®/MEDLINE®** <http://pubmed.gov>

References to biomedical journals, including a toxicology subset

**Radiation Emergency Medical Management (REMM)** <https://remm.nlm.gov/>

Diagnostic and treatment tool kit designed for health care providers about clinical diagnosis and treatment during radiological or nuclear emergency

**Tox Town®** <https://toxtown.nlm.nih.gov/>

Interactive guide to toxic substances and environmental health issues in everyday places

**ToxTutor** <https://sis.nlm.nih.gov/enviro/toxtutor.html>

Multi-module online learning tool that provides users with a working knowledge of basic toxicology principles and concepts

**ToxMystery™** <https://toxmystery.nlm.nih.gov/>

Interactive site for children 7–10 years old on potential environmental health hazards found in homes

**Wireless Information System for Emergency Responders (WISER®)** <https://wiser.nlm.nih.gov/>

System designed to assist first responders during hazardous materials incidents

## Stay Connected

**Email Updates:** <https://service.govdelivery.com/accounts/USNLMTEH/subscriber/new>

**News Updates:** <https://sis.nlm.nih.gov/news.html>

**Twitter:** @NLM\_SIS



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1-888-FIND-NLM  
[www.nlm.nih.gov](http://www.nlm.nih.gov)

# IS THE ENVIRONMENT HAZARDOUS TO OUR HEALTH?

*For answers and information, rely on*

## Environmental Health and Toxicology Information Resources

from the National Library of Medicine

[tox.nlm.nih.gov](http://tox.nlm.nih.gov)



# OUR ENVIRONMENT

## THE SITUATION

Many substances are potentially harmful to humans, animals, and the environment. They are in the air we breathe, in the food we eat, and in the products we use. Chemicals in the workplace, home, and outdoors may pose a threat to our health.

## The Solution: TOXNET<sup>®</sup>

The National Library of Medicine (NLM) offers an array of free Web-based tools, including the TOXNET system of databases, which provides information on toxicology, hazardous chemicals, and environmental health. NLM provides data that can help assess the nature and severity of toxic hazards.

With 24/7 free access, TOXNET offers a variety of high-quality databases in an easy-to-use interface, and includes links to additional sources of data on toxicology and environmental health. Information is compiled from federal agencies, peer-reviewed scientific sources, and other authoritative sources.

*Retrieve information on chemicals*



*Inform emergency responders*



## Using TOXNET

TOXNET databases can be used to:

- Retrieve information on chemicals that can cause cancer, reproductive effects, genetic mutations, or other health effects.
- Provide environmental health professionals, toxicologists, emergency responders, community groups, and the general public with information about exposure to hazardous and toxic substances that may affect human health and the environment.
- Help locate specific industries that pollute the environment and determine what chemicals are being released by them and in what quantities.

*Assist community groups*



# TOXNET

TOXNET can help you find information about:

**Arsenic in Drinking Water** What are the signs of short- and long-term arsenic exposure? Is there a treatment for arsenic poisoning?

*Search the Hazardous Substances Data Bank*

**Safety of Lawn Care Products** Is the brand of fertilizer you use on your lawn safe for your children and pets?

*Search the Household Products Database*

**Effects of Atrazine on Amphibians or Frogs** What articles review the effects of atrazine on developing amphibians or frogs?

*Search TOXLINE<sup>®</sup>*

**Ammonia Releases** How many pounds of ammonia were released in the area near your town in 2014?

*Search releases in TOXMAP<sup>®</sup>*

**Antidepressants in Breast Milk** Will a breastfeeding mother's use of an antidepressant cause any ill effects in her nursing infant?

*Search LactMed<sup>®</sup>*

**The Gasoline Additive MTBE** What is the full chemical name and what is the molecular structure of the gasoline additive MTBE? What other resources have information on this chemical's environmental health impact?

*Search ChemIDplus<sup>®</sup>*

**Disaster Response for a Nuclear Reactor**

**Accident** Where can healthcare providers and emergency responders find patient management algorithms and triage information for a radiological/nuclear accident?

*Search Radiation Emergency Medical Management*