Choosing a Database

This chart identifies the specific focus of each database to help you select the appropriate database for your research.

Database Name	Topics Covered
ChemIDplus	Chemical names,
	formulas, structures
Health Risk	
CCRIS	Carcinogenicity,
	mutagenicity
CPDB	Cancer testing
CTD	Genetic information
GENE-TOX	Mutagenicity test data
IRIS	Risk information
ITER	Risk information
Literature	
TOXLINE	Toxicology journal
	literature
DART	Reproductive
	toxicology journal
	literature
Health and Environmental Health	
Haz-Map	Occupational health
Household	Products used in and
Products	around the home
HSDB	Health effects, toxicity,
	regulations
LactMed	Drugs and
	breastfeeding
TRI	Environmental releases
	of chemicals
TOXMAP	U.S. maps showing
	chemical releases

For a full list of environmental health and toxicology database descriptions, visit: http://sis.nlm.nih.gov/enviro/database descriptions.html

Specialty Databases

http://sis.nlm.nih.gov/enviro.html

Discover environmental health and toxicology databases including:

- Dietary Supplements Labels Database:
 Ingredients in supplements sold in the United States
- Drug Information Portal: Gateway to current and accurate drug information
- Pillbox: Rapid pill identification

Training and Help

TOXNET FAQs:

http://sis.nlm.nih.gov/toxnet_faq.html

TOXNET and Beyond Training Class Schedule and Workbook

http://sis.nlm.nih.gov/enviro/manuals.html

TOXNET tehip@teh.nlm.nih.gov 301.496.113





National Library of Medicine 8600 Rockville Pike Bethesda, MD 20894 1.888.FINDNLM (1.888.346.3656) custserv@nlm.nih.gov

Developed and updated by NLM staff. This brochure may be freely reproduced. It is on the internet at http://sis.nlm.nih.gov/pdf/toxnetbrochure.pdf

Created: March 2012

TOXNET

Toxicology Data Network

http://toxnet.nlm.nih.gov/

The National Library of Medicine (NLM) TOXNET portal provides reliable information on toxicology, hazardous chemicals, environmental health, and toxic releases. Explore:

Chemical nomenclature – ChemIDplus

Toxicology Data

- Chemical Carcinogenesis Research Information System (CCRIS)
- Carcinogenic Potency Database (CPDB)
- Comparative Toxicogenomics Database (CTD)
- Genetic Toxicology Data Bank (GENETOX)
- Hazardous Substances Data Bank (HSDB)
- Integrated Risk Information System (IRIS)
- International Toxicity Estimates for Risk (ITER)
- LactMed (Drugs and Lactation Database)

Literature

- Developmental and Reproductive Toxicology Database (DART)
- TOXLINE (Toxic Literature Online)

Toxic Releases

- TOXMAP (Environmental Health e-Maps)
- Toxics Release Inventory (TRI)

Specialty databases: Health and safety information for the workplace, Haz-Map®, and the home, Household Products Database.

What is TOXNET?

TOXNET (Toxicology Data Network) is a free database system with information on toxicology, environmental health, hazardous chemicals, toxic releases, chemical nomenclature, poisoning, risk assessment and regulations, and occupational safety and health. It is produced by the Specialized Information Services Division of the National Library of Medicine.

Searching TOXNET

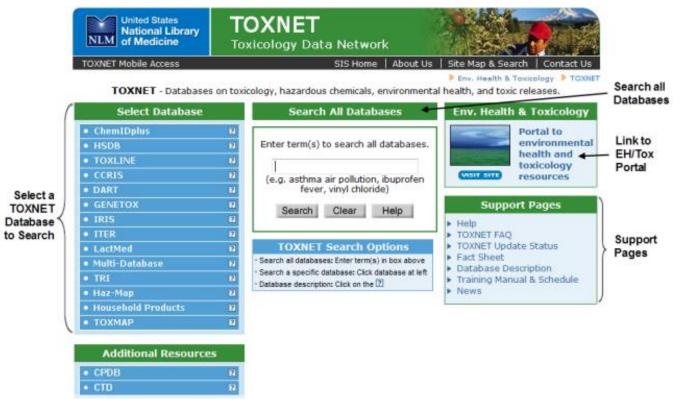
Enter any combination of words, chemical names, and numbers, including CAS registry numbers. By default the system searches for the exact name, synonyms, and CAS registry number.

Combine search terms with these connector words: **AND**, **OR**, or **NOT**, using upper case letters.

Search databases individually by clicking on the database name or search all databases at one time by using the search box on the homepage.

Results

Results are listed by relevancy ranking. This ranking is based on the number of individual search terms in a document, the number of times each search term occurs in a document, the rarity of the search terms within the database, and the nearness of search terms to each other.



When searching for a chemical, the first matching chemical record (the "primary record") may be followed by other chemical records that have the chemical name or search term you entered.

Downloading Data

Use the "Download" feature to save the search results as a plain text file.

Citations from TOXLINE and DART can be imported into reference management programs (EndNote, Reference Manager) by using the TOXLINE import filter.

However, downloads from the other TOXNET resources are in formats that cannot be imported into reference management programs.

Accessing Materials

There are no links to full text articles in TOXNET because of the structure of the databases. The information is drawn from a variety of information sources which makes linking to full text difficult.

Suggestions for finding the full text of a citation can be found at

http://sis.nlm.nih.gov/toxnet_faq.html#fulltext

Full text access may be available for citations in TOXLINE which come from PubMed.

Use the link to PubMed within the TOXLINE citation.