

Other databases

Defra : Pesticide Risk Assessment Tool, Framework for Addressing Uncertainty and Variability in Pesticide Risk Assessment <http://defrarisk.cadmusweb.com/>

PAN Pesticides Database : <http://www.pesticideinfo.org/>

ATSDR, Agency for Toxic Substances and Disease Registry : <http://www.atsdr.cdc.gov/index.html>

Where to find MSDS on the Internet- <http://www.ilpi.com/msds/>

MSDS Solutions Center - <http://www.msds.com/>

Pesticide Fate Database: <http://cfpub.epa.gov/pfate/home.cfm>

EXTOXNET - The EXTension TOXicology NETwork: <http://extoxnet.orst.edu/ghindex.html>

OPP Pesticide Ecotoxicity Database: <http://www.ipmcenters.org/Ecotox/>

MAIK "Nauka/Interperiodica", Russian Academy of Science, PMG Enterprises Ltd. : Currently, MAIK Nauka/Interperiodica publishes more than 150 academic journals in English in cooperation with Pleiades Publishing Inc. with the support of the Russian Academy of Sciences, and more than 200 journals in Russian in cooperation with Akademizdatsentr Nauka. The journals cover nearly all branches of modern science. <http://www.maikonline.com/maik/about.do>

"Актуальные проблемы водной токсикологии". Сборник статей. Под редакцией д. б. н., проф. Б. А. Флерова ("The vital problems of aqueous toxicology". Collection of articles. Edited by d. b. n., Prof. B.A. [Flerova]) <http://aquaplust.ru/>

Toxicology. Bibliographic database with abstracts. VINITI, Moscow. URL: <http://www.viniti.ru>.

Information retrieval system 'Hazardous Substances'. Data concerning 2400 hazardous chemical and biological substances registered with the Russian Register of Potentially Hazardous Chemical and Biological Substances. Regularly updated. Russian Register of Potentially Hazardous Chemical and Biological Substances. URL: <http://www.regchem.msk.ru>.

MACs and TSELS of substances in air, water, and soil (Russian and foreign norms). A.A. Sysin Research Institute for Human Ecology and Environmental Health, Russian Academy of Medical Sciences. Email: sysin@elnet.msk.ru

Chemical safety information cards. A.A. Sysin Research Institute for Human Ecology and Environmental Health, Russian Academy of Medical Sciences. Email: sysin@elnet.msk.ru

Comprehensive list of MACs and TSELs of occupational air pollutants. Data on pollutants, names, synonyms, trade names, MACs and TSELs, hazard classes, prevalent physical state, effects on the organism, data on harmful products of microbiological synthesis and strains (products generated by microorganisms). Scientifico-Production Enterprise 'Logus'. URL: <http://www.logus.ru>.

Consolidated list of MACs and TSELs of residential air pollutants. Data on residential air pollutants: names, synonyms, trade names. Scientifico-Production Enterprise 'Logus'. URL: <http://www.logus.ru>.

Consolidated list of MACs of harmful substances in water bodies. List of MACs of substances in water bodies: names, synonyms, molecular formulas, sanitary norms for fisheries and water management. Scientifico-Production Enterprise 'Logus'. URL: <http://www.logus.ru>.

Regulated characteristics and control methods for harmful substances in the soil. MACs, critical indicators of adverse effects, persistent toxicity, hazard classes, analytical methods. Scientifico-Production Enterprise 'Logus'. URL: <http://www.logus.ru>.

INCHEM : Chemical Safety Information from Intergovernmental Organizations :
<http://www.inchem.org/>

DB-ALM : established in 1996 to achieve a principal objective of ECVAM (formerly known as Scientific Information Service-SIS), as required by the European Commission and Parliament, to establish, maintain and manage a database on alternative procedures to animal experiments.
<http://ecvam-dbalm.jrc.ec.europa.eu/>

The **Household Products Database** of the National Library of Medicine is based on the Consumer Product Information Database ©2001-2007 by DeLima Associates. <http://hpd.nlm.nih.gov/about.htm>

Acute Toxicity Database : summarizes the results from aquatic acute toxicity tests conducted by the USGS CERC located in Columbia, Missouri. <http://www.cerc.usgs.gov/data/acute/acute.html>

CD-ROM databases from ChemTec Publishing : <http://www.chemtec.org/cdrom.php>

Acute Toxicity Database: database of aquatic acute toxicity test results for thousands of chemicals in many species conducted by the USGS CERC : <http://www.cerc.usgs.gov/data/acute/acute.html>

Allergen Database : <http://allergen.csl.gov.uk/>

ATSDR Toxicological Profile Information Sheets: <http://www.atsdr.cdc.gov/toxpro2.html>

[Carcinogenic Potency Database \(CPDB\)](#): results from 6153 chronic, long-term animal cancer tests on 1485 chemicals

[Chem.com](#): access to 127,000 chemical 3D structures from the NCI database

[ChemFinder.com](#): portal of free and subscription scientific databases (reference, chemical, reaction, safety)

[Chemical structure indexing of toxicity data on the internet](#): manuscript by Richard, Gold & Nicklaus in *Curr Opin Drug Discov Devel.* 9(3), 314-25 (2006); discusses public initiatives with particular reference to toxicology-related chemical information

[Contaminant Exposure and Effects-Terrestrial Vertebrates database \(CEE-TV\)](#): over 18,000 records containing ecotoxicological exposure and effects information on over 460 species of terrestrial vertebrates that reside in US estuarine and coastal habitats

[DSSTox](#), Distributed Structure-Searchable Toxicity Database Network: a project of the US EPA's Computational Toxicology Program; provides a public forum for publishing downloadable, standardized chemical structure files associated with toxicity data

[DrugMatrix[®] and Drug Signatures[®]](#): DrugMatrix[®] proprietary database of microarray and pharmacology data used to identify Drug Signatures[®], genomic biomarkers that are predictive of specific toxicological endpoints and mechanisms of action

[ECOTOX, Version 4](#): US EPA source for locating single chemical toxicity data for aquatic life, terrestrial plants, and wildlife

[Environmental Health and Safety freeware](#): links to free databases and software plus news & events

[EPAA Working Group 1 \(WG1\) databases](#): "In-house Review" and "Research Review," databases of *in vitro* methods and ongoing research being conducted by industry, are being compiled by EPAA

[EXTOXNET](#): pesticide information profiles database

[Human and Environmental Risk Assessments \(HERA\)](#): toxicity & risk data on ingredients of household cleaning products

[Integrated Risk Information System \(IRIS\)](#): database of human health effects that may result from exposure to various substances found in the environment; hazard identification and dose-response assessments for over 500 chemicals

[International Programme on Chemical Safety \(IPCS INCHEM\)](#): public, searchable, peer-reviewed chemical safety-related publications and database records from international bodies, including: Concise International Chemical Assessment Document (CICADS); International Chemical Safety Cards (ICSCs); Pesticide Data Sheets (PDSs); Screening Information Data Set (SIDS) for High Production Volume Chemicals; and more

[International Toxicity Estimates for Risk \(ITER\) Database](#): database of human health risk values and cancer classifications for over 600 chemicals of environmental concern; now a part of TOXNET

[Japan Ministry of Health, Labour and Welfare \(MHLW\) Chemical Toxicity Database](#)

[NLM Chemical Information SIS](#)

[NLM Environmental Health & Toxicology SIS](#)

[NTP Study Reports](#)

[NTP toxicology databases](#)

[OECD Database on Pesticide/Biocide Reviews](#)

[OECD eChemPortal](#): new 2006; free public access to data submitted to government chemical review programmes at national, regional, and international levels: physical chemical properties; environmental fate and behaviour; ecotoxicity; toxicity

[OECD EXICHEM Database](#): resource for identifying activities on existing chemicals (e.g. information gathering, testing, evaluation) by OECD Member countries and thereby assist in identifying opportunities for co-operation and avoiding duplication of work

[PAN Pesticides Database](#): current toxicity and regulatory information for pesticides; a project of Pesticide Action Network North America

[PubChem](#): new database of chemical structures and their biological activities that is part of the NIH Molecular Libraries Roadmap; provides information on biological activities of small molecules, including substance information, compound structures, and bioactivity data in three primary databases, PCSubstance, PCCompound, and PCBioAssay; a future goal is to include predictive ADME/toxicology for the small molecule modulators

[TETRATOX](#): fish LC₅₀ alternative database of toxic potency for more than 2400 chemicals [Schultz, T.W. 1997. TETRATOX: Tetrahymena pyriformis population growth impairment endpoint-A surrogate for fish lethality. Toxicol. Methods 7: 289-309]

[TOXNET® Toxicology Data Network](#): NLM's collection of toxicology and environmental health databases including: Hazardous Substances Data Bank (HSDB); Integrated Risk Information System (IRIS); Genetic Toxicology Data Bank (GENE-TOX); Chemical Carcinogenesis Research Information System (CCRIS); Household Products Database; TOXLINE® containing references to the world's toxicology literature; ChemIDplus, a chemical dictionary and structure database

[Toxic Substance Control Act Test Submission database \(TSCATS\)](#): database of information on unpublished technical reports submitted by industry to EPA under the Toxic Substances Control Act (TSCA); search for chemicals by CAS#, formula, or chemical name

[RTECS®, The Registry of Toxic Effects of Chemical Substances](#): toxicity information for over 150,000 chemical substances; includes toxic effects, general toxicology reviews, data on skin and/or eye irritation, mutation, reproductive consequences and tumorigenicity [fee based]

[Syracuse Research Corporation Databases](#): Environmental Fate Data Base; Physical Properties Database; Solvents Database; SMILECAS Database [available for purchase]

