

# STN<sup>®</sup>



## STN Databases A – Z



A division of the American Chemical Society



Leibniz Institute for Information Infrastructure

## STN® Databases



**STN provides global access to an integrated network of the most important and comprehensive sci-tech and patent databases from the world's most respected producers. With STN, you can find precisely what you need to answer business-critical questions, whether it's the answer to a broad research question or information about a single molecule.**

### **A world of patent information - STN's unparalleled offer**

STN integrates the world's largest and most important value-add and first level patent databases on one platform. Patent databases on STN are key information resources for determining patentability, state of the art, infringement, and the legal status of the patents. And: Only on STN you can search patent information from Thomson Reuters, Chemical Abstracts Service, and the European Patent Office's worldwide Patent Information Resource in one place: Derwent WPI<sup>SM</sup>, CAplus<sup>SM</sup>, and INPADOCDB/INPAFAMDB.

In addition to these key databases, STN also provides full-text patent databases from the European Patent Office (EPFULL), United States Patent and Trademark Office (USPATFULL), World Intellectual Property Organization (PCTFULL), and more.

### Wide subject coverage

The unsurpassed collection of essential sci-tech and medical databases on STN covers a wide range of topics including

- Bioscience
- Biotechnology
- Business
- Chemistry
- Energy and Environment
- Engineering
- Health and Safety
- Materials Science
- Medicine
- Nanotechnology
- Pharmacology
- Toxicology
- and more.

In addition, STN provides the largest repository of publicly available biosequence information from patents and the journal literature. Biosequence information is stored in highly specialized databases on STN.

### Unsurpassed substance searching

With REGISTRY, STN provides the world's most authoritative collection of disclosed substance information, principally from patents and journals, as well as other reliable sources such as chemical catalogs,

substance inventories, and collections on the web. In addition, STN provides access to other key substance databases, including CASREACT®, GENESEQ™ (DGENE), US-GENE®, MARPAT®, and the Derwent Chemistry Resource of the Derwent World Patents Index® – making STN the most comprehensive source for substance information.

To support substance content, STN also provides the most robust substance searching capabilities available, including structure, property, sequence, and chemical name searching. When you find your substance of interest, STN also allows you to easily locate related references in the literature.

### Seamless access to full-text

The full-text of documents for which references have been retrieved in STN databases can be accessed via the STN Full-Text Solution. By clicking the "Full-Text" button in an STN database record, you will get seamless access to the full text of the original document via the STN Full-Text Solution.

STN International is jointly operated by FIZ Karlsruhe and CAS worldwide and represented in Japan by JAICI.

For each database detailed information with search examples is available in the “STN Content” section at [www.stn-international.de](http://www.stn-international.de).

### 1MOBILITY/2MOBILITY

Producer: SAE International

These databases contain information from worldwide technical literature on technologies, standards and specifications for self-propelled vehicles for land, sea, air, and space. Topics include engines, safety, materials, fuels and lubricants, design, and manufacturing.

### ADISCTI

Producer: Wolters Kluwer Pharma Solutions

Adis Clinical Trials Insight is a bibliographic and full-text file containing key papers from more than 1,700 international medical and biomedical journals on drugs, drug therapy, adverse drug reactions, and pharmacoconomics.

### ADISINSIGHT

Producer: Wolters Kluwer Pharma Solutions

The Adis R&D Insight file contains the full text of reports, i.e., profiles, on drugs in active research and development by the international pharmaceutical industry.

### ADISNEWS

Producer: Wolters Kluwer Pharma Solutions

Adis Newsletters contains the full-text articles on the most important developments in drugs and drug therapy from the world’s biomedical literature, major meetings, and symposia.

### AEROSPACE

Producer: Cambridge Scientific Abstracts

Aerospace and High Technology Database covers published literature on basic and applied research in aeronautics, astronautics, and space sciences, as well as technology development and applications in complementary and supporting fields.

### AGRICOLA

Producer: National Agricultural Library (NAL) of the U.S. Department of agriculture

Agriculture Online Access is a bibliographic database containing selected worldwide literature of agriculture and related fields, e.g. chemistry, pesticides, soils and fertilizers.

### ALUMINIUM

Producer: Cambridge Scientific Abstracts

The Aluminium Industry Abstracts (AIA) database provides coverage of the world’s technical literature on aluminum, ranging from ore processing through business developments and applications.

### ANABSTR

Producer: The Royal Society of Chemistry

The Analytical Abstracts database covers worldwide literature on analytical chemistry.

**ANTE**

Producer: Cambridge Scientific Abstracts

Coverage of Abstracts in New Technologies and Engineering includes new technologies such as information technology and computing, electronics, biotechnology, medical technology, as well as engineering (including chemical engineering) and allied subject areas.

**APOLLIT**

Producer: FIZ Karlsruhe

The Applied POLymers LITerature database contains citations to worldwide literature on the production, applications, and technological properties of plastics, rubbers and fibers, the fundamental physical and chemical properties of polymers, and the environmental and economic aspects of plastics.

**AQUALINE**

Producer: Cambridge Scientific Abstracts

The Aqualine database provides comprehensive focus on trade, technical and scientific literature concerning all aspects of water resources, including water quality, water treatment technologies, ecological and environmental effects of water pollution.

**AQUASCI**

Producer: Cambridge Scientific Abstracts

Aquatic Sciences and Fisheries is a bibliographic database covering topics relating to the science, technology, and management of marine and freshwater environments, and related socioeconomic aspects.

**BABS**

Producer: Elsevier Information Systems GmbH

Bibliographies and Abstracts of the ReaxysFile provides access to titles, abstracts and bibliographic data from the top journals in organic and related chemistry.

**BIOSIS**

Producer: Thomson Reuters (Professional) Ltd.

The largest and most comprehensive life science database in the world, BIOSIS Previews® covers original research reports, reviews, and selected U.S. patents in biological and biomedical areas. Besides bibliographic information, indexing terms, and abstracts also CAS Registry Numbers are searchable.

**BIBLIODATA**

Producer: Deutsche Nationalbibliothek

The German National Bibliography is a national bibliographic database with current references to publications collected and registered by the database producer, the central archives library of Germany.

**BIOENG**

Producer: Cambridge Scientific Abstracts

Biotechnology and Bioengineering Abstracts provides bibliographic coverage of groundbreaking research, applications, regulatory developments and new patents across all areas of biotechnology and bioengineering.

**BIOTECHDS/BIOTECHABS**

Producer: Thomson Reuters (Professional) Ltd.

Derwent Biotechnology Resource<sup>SM</sup> covers the worldwide literature on all aspects of biotechnology, from genetic manipulation, through biochemical engineering and fermentation, to down-stream processing.

**BIOTECHNO**

Producer: Elsevier Science BV

Elsevier BIOTECHNOBASE provides comprehensive international coverage of scientific, technological, and professional biotechnology literature – from both modern biotechnology (genetic engineering, bioreactors, industrial processes, etc.) and traditional biotechnology (breeding, fermentation, etc.).

**CA/CPlus**

Producer: Chemical Abstracts Service (CAS)

The Chemical Abstracts database covers worldwide literature from all areas of chemistry, biochemistry, chemical engineering, and related sciences. Since October 1994 all articles from more than 1,600 key chemical journals are added including citations for documents not covered by CA. Coverage includes applied, macromolecular, organic, physical, inorganic, and analytical chemistry.

**CABA**

Producer: CAB International

The CAB Abstracts database covers worldwide literature from all areas of agriculture and related sciences including biotechnology, forestry, and veterinary medicine. CAS Registry Numbers are searchable.

**CASREACT**

Producer: Chemical Abstracts Service (CAS)

Chemical Abstracts Reaction Search Service contains information on reactions of organic substances, including organometallics and biomolecules.

**CBNB**

Producer: Elsevier Engineering Information Inc.

Chemical Business NewsBase contains information about chemical markets and products worldwide, with special emphasis on Europe.

**CEABA-VtB**

Producer: DECHEMA, Deutsche Gesellschaft für Chemische Technik und Biotechnologie e.V. in cooperation with BASF AG and BAYER AG

The merged Chemical Engineering and Biotechnology Abstracts (Verfahrenstechnische Berichte) database covers the international scientific and technical literature on chemical engineering and biotechnology.

**CERAB**

Producer: Cambridge Scientific Abstracts

Ceramic Abstracts/World Ceramics Abstracts is a bibliographic database covering worldwide literature on all aspects of ceramics.

## CHEMCATS

Producer: [Chemical Abstracts Service \(CAS\)](#)

Chemical Catalogs Online is a catalog file containing information about commercially available chemicals and their worldwide suppliers.

## CHEMINFORMRX

Producer: [FIZ CHEMIE GmbH](#)

ChemInformRX Reaction Search Service contains reaction information consisting of structure diagrams for reactants and products, ChemInform and CAS Registry Numbers for all reactants, products, reagents, solvents, and catalysts, yields for many products, and textual reaction information.

## CHEMLIST

Producer: [Chemical Abstracts Service \(CAS\)](#)

The Regulated Chemicals Listing file contains information about chemical substances listed on the EPA TSCA (Environmental Protection Agency Toxic Substances Control Act) Inventory or those subject to regulations under the Toxic Substances Control Act or similar legislation.

## CHEMSAFE

Producer: [DECHEMA e.V., Physikalisch-Technische Bundesanstalt \(PTB\), Bundesanstalt für Materialforschung und -prüfung \(BAM\)](#)

The Chemical Safety Information database contains evaluated safety characteristics of flammable substances and their mixtures and classifications by German and international regulations.

## CIN

Producer: [Chemical Abstracts Service \(CAS\)](#)

CIN is the online version of Chemical Industry Notes<sup>®</sup>, which covers information related to the chemical business industry. CIN also provides worldwide coverage of governmental regulatory and legislative activities that impact the chemical industry.

## CIVILENG

Producer: [Cambridge Scientific Abstracts](#)

CIVILENG (Civil Engineering Abstracts) provides information on the serials literature in civil engineering, including chemical engineering, management and marketing of engineering services, engineering education, theoretical mechanics and dynamics, and mathematics and computation.

## COMPENDEX

Producer: [Elsevier \(Engineering Information\)](#)

The Computerized Engineering Index and EI Engineering Meetings (Ei COMPENDEX) database covers all engineering disciplines including chemical, computer, electrical, civil and mechanical engineering in significant depth.

## COMPUAB

Producer: [Cambridge Scientific Abstracts](#)

Computer and Information Systems Abstracts contains information on theoretical research and practical applications of applied computer science. Control and information theories are covered, as well as mathematics, operations research, and probability and statistics.

**COMPUSCIENCE**

Producer: FIZ Karlsruhe

The Computer Science database contains information related to computers, including theoretical computer science, computer graphics, software, information systems, artificial intelligence, and education.

**CONFSCI**

Producer: Cambridge Scientific Abstracts

The Conference Papers Index database contains information on research papers presented at scientific conferences around the world. CONFSCI covers a broad spectrum of scientific disciplines – from life sciences to physical sciences to engineering.

**COPPERLIT**

Producer: Cambridge Scientific Abstracts

The COPPER LITERature Database is a bibliographic database. It provides access to the world's literature on copper, copper alloys and copper technology.

**CORROSION**

Producer: Cambridge Scientific Abstracts

CORROSION Abstracts provides the world's most complete source of bibliographic information in the area of corrosion science and engineering.

**CROPR**

Producer: Thomson Reuters (Professional) Ltd.

The Crop Protection Registry File is a companion to the Crop Protection File (CROPU). Each record lists the biological activity and chemical substructure characteristics of an individual compound. The database may be used as a standalone file for structure activity searching.

**CROPU/CROPB**

Producer: Thomson Reuters (Professional) Ltd.

The Derwent Crop Protection File covers all aspects of pesticides, including their use in crop protection and pest control.

**CSNB**

Producer: The Royal Society of Chemistry

The Chemical Safety NewsBase provides access to chemical information related to fire and explosions, storage and transport, toxic substances, studies on laboratory animals, waste removal, and other subjects related to chemistry, health and safety.

**DDFU/DRUGU/DDFB/DRUGB**

Producer: Thomson Reuters (Professional) Ltd.

The Derwent Drug File provides information from worldwide pharmaceutical literature on all aspects of drugs, from drug design to post marketing surveillance.

**DETERM**

Producer: DECHEMA/FIZ CHEMIE

DETERM contains thermophysical data important for the design of various processes in the chemical industry. More than 500 properties for pure compounds and mixtures and approximately 20,000 inorganic and organic substances are covered.

**DGENE**

Producer: Thomson Reuters (Professional) Ltd.

The GENESEQ™ database contains information on nucleic acid and protein sequences extracted from the Derwent World Patents Index (DWPI) basic patent documents published by 41 patent offices worldwide.

**DPCI**

Producer: Thomson Reuters (Professional) Ltd.

Derwent Patents Citation Index™ is a unique database containing citations of patents and literature including those referenced by the examiner, inventor/author, or opposition/third party during the determination of patentability.

**DISSABS**

Producer: ProQuest, LLC

DISSertation ABSTRACTs is a bibliographic database that contains the definitive guide to subject, title, and author for every dissertation granted at accredited North American universities since 1861.

**DJDSMDS/DJSMONLINE**

Producer: Thomson Reuters (Professional) Ltd.

The Derwent Journal of Synthetic Methods File is a structure searchable chemical reactions database designed on the principles set out originally by Theilheimer, which provides key references on novel synthetic methods from the worldwide patent and scientific literature.

**DKF**

Producer: Dokumentation Krafftahwesen e.V.

The German Automotive Engineering Database provides access to literature on all aspects of motor vehicle design, construction and manufacturing.

**ELCOM**

Producer: Cambridge Scientific Abstracts

Electronics and Communications Abstracts covers the relevant sources of information necessary to keep current on advances and events in the world of electronic systems and circuits and communications including theoretical and applied research as well as business and marketing information.

**EMA**

Producer: Cambridge Scientific Abstracts

Engineered Materials Abstracts covers international materials literature on the development, processing, and production of polymers, ceramics and composites.

**EMBASE/EMBAL**

Producer: Elsevier B.V.

The Excerpta Medica database covers worldwide literature in the biomedical and pharmaceutical fields, including biological science, biochemistry, human medicine, forensic science, pediatrics, pharmacy, pharmacology and drug therapy, pharmacoeconomics, psychiatry, public health, biomedical engineering and instrumentation, and environmental science. EMBAL, the EMBASE Alert database, provides early access to bibliographic data and the abstracts for references that will appear in EMBASE.

**ENCOMPLIT/ENCOMPLIT2**

Producer: Elsevier Engineering Information, Inc.

The EnCompass Literature File contains citations to non-patent literature covering the petroleum refining, petrochemical and natural gas, and energy industries, including information on alternate energy sources and environmental effects of energy.

**ENCOMPAT/ENCOMPAT 2**

Producer: Elsevier Engineering Information, Inc.

The EnCompass Patent File covers worldwide patents relating to the petroleum, petrochemical, natural gas, and energy industries, including those on alternate energy sources and environmental effects of energy. EnCompPat is available only to Ei EnCompass supporters. Access to EnCompPat2 by non-subscribers is restricted to two hours per year per organization of combined usage with EnComplitz on all vendors.

**ENERGY**

Producer: International Cooperation in the framework of the International Energy Agency/Energy Technology Data Exchange

The DOE ENERGY database covers worldwide literature on energy research and technology for all kinds of energy sources, including environmental aspects.

**ENVIROENG**

Producer: Cambridge Scientific Abstracts

Environmental Engineering Abstracts covers the world literature pertaining to technological and engineering aspects of air and water quality, environmental safety, and energy production.

**EPFULL**

Producer: European Patent Office/  
FIZ Karlsruhe

European Patents Full text database covers the full text of European patent applications and granted European patents as well as bibliographic records for PCT (Patent Cooperation Treaty) applications transferred to the EPO from 1978 onwards.

**ESBIODATABASE**

Producer: Elsevier B.V.

Elsevier BIOBASE is a bibliographic current awareness database providing comprehensive coverage of the entire spectrum of biological research worldwide. Coverage includes also biotechnology, clinical chemistry, molecular biology, protein biochemistry, and toxicology.

**FOMAD**

Producer: [Leatherhead Food International Limited](#)

Foodline® Market provides detailed analyses of international food and drink markets, identifying key market players, highlighting new product launches, assessing consumer attitudes and retail trends, and tracking company news.

**FRANCEPAT**

Producer: [Institut National de la Propriété Industrielle \(INPI\)](#)

FrancePat contains information on all French patent applications and granted French patents published by the Institut National de la Propriété Industrielle (INPI), including all patents published in France since 1966 as well as all special pharmaceutical patents (Brevets Spéciaux Médicaments) published between 1961 and 1978.

**FRFULL**

Producer: [LexisNexis Univentio B.V.](#)

FRFULL contains full texts of French patent applications, patent specifications, and utility models (on OCR basis) from 1902 to date. Database records comprise all documents published for one application.

**FROSTI**

Producer: [Leatherhead Food International Limited](#)

The Foodline® Science database contains citations to the worldwide literature on food science and technology.

**FSTA**

Producer: [International Food Information Service](#)

The Food Science and Technology Abstracts database provides worldwide coverage of all scientific and technological aspects of the processing and manufacture of human food products.

**GBFULL**

Producer: [LexisNexis Univentio B.V.](#)

GBFULL (United Kingdom (GB) Patents FULLtext database) covers the full text (on OCR basis) of patent applications published in the United Kingdom. It is an excellent additional source of primary data for English-language prior art searches.

**GENBANK**

Producer: [National Center for Biotechnology Information](#)

GENBANK® contains nucleic acid sequence data and related descriptive and bibliographic information. Information for GENBANK is gathered primarily from journal literature and direct author submissions.

**GEOREF**

Producer: [American Geological Institute](#)

The Geological Reference File covers international literature on geology and geosciences, including alloys, crystallography, fuels, and petroleum.

**GMELIN97**

Producer: Gesellschaft Deutscher Chemiker/  
Elsevier Information Systems GmbH

The GMELIN97 file contains the critically reviewed and evaluated data from the Gmelin Handbook of Inorganic and Organometallic Chemistry from 1817 to 1975.

**HEALSAFE**

Producer: Cambridge Scientific Abstracts

HEALSAFE covers recent work relating to public health, safety, and industrial hygiene. Topics include pollution, waste management, drugs, product liability, radiation, pesticides, genetics, and toxicology.

**ICSD**

Producer: FIZ Karlsruhe

The Inorganic Crystal Structure Database contains complete structural information for inorganic compounds, including compound name, molecular formula, crystal symmetry group, unit cell parameters, atomic coordinates, and temperature factors.

**IFICDB**

Producer: IFI Patent Intelligence,  
a Wolters Kluwer Company

The IFI Comprehensive database contains all front page and bibliographic data, and the text of the abstract and/or all claims from U.S. utility patents, reissue patents, defensive publications, reinstated patents, and patents with adverse decision in interference, disclaimer/dedication, reexamination request, or reissue request.

**IFICLS**

Producer: IFI CLAIMS® Patent Services,  
a division of Fairview Research LLC

The IFI Current Patent Legal Status database provides information on the current legal status of U.S. patents.

**IFIPAT**

Producer: IFI Patent Intelligence,  
a Wolters Kluwer Company

The IFI Patent database contains all front page and bibliographic data and the text of the abstract and/or all claims from U.S. utility patents, reissue patents, defensive publications, expired patents, reinstated patents, and patents with adverse decision in interference, disclaimer/dedication, reexamination request, reissue request, or certificates of correction.

**IFIREF**

Producer: IFI Patent Intelligence, a Wolters  
Kluwer Company

The IFI Uniterm and U.S. Class Reference file is a special reference file for the other IFI files. IFIREF contains U.S. Patent Office (USPTO) classification codes and titles, plus authority data for general, fragment and compound Uniterms.

**IFIUDB**

Producer: IFI Patent Intelligence, a Wolters Kluwer Company

The IFI Uniterm Database contains all front page and bibliographic data and the text of the abstract and/or all claims from U.S. utility patents, reissue patents, defensive publications, reinstated patents, expired patents, and patents with adverse decision in interference, disclaimer/dedication, reexamination request, reissue request, or certificate of correction.

**IMSPATENTS**

Producer: IMS HEALTH (IMSworld Publications Ltd.)

IMSPATENTS provides evaluated international patent family analysis for more than 1,500 pharmaceutical compounds, either on the market or under active development.

**IMSRESEARCH**

Producer: IMS HEALTH (IMSworld Publications Ltd.)

The IMS LifeCycle R&D Focus database covers all phases of drug development worldwide, from laboratory or patent report to clinical trials to international marketing launches.

**INFODATA**

Producer: Fachhochschule Potsdam

INFODATA contains bibliographic citations and abstracts on information science, including information systems, policy, management, and brokerage. INFODATA also provides coverage on communication technology and artificial intelligence.

**INIS**

Producer: International Cooperation coordinated by the International Atomic Energy Agency

The International Nuclear Information System (INIS) database covers worldwide literature in nuclear research and technology. Topics include isotope applications and radiation, waste management, material science and safety monitoring.

**INPADOCDB**

Producer: European Patent Office/ FIZ Karlsruhe

The International Patent Documentation Center file contains bibliographic and family data or patent documents and utility models of 90 patent-issuing organizations, including the European Patent Office and the World Intellectual Property Organization (WIPO).

The database indexes of INPADOCDB are based on the patent applications, whereas in INPAMDB the indexes are based on the patent families.

**INPAFAMDB**

Producer: European Patent Office/  
FIZ Karlsruhe

INPAFAMDB (INternational PatENT FAMily DataBase) contains the patent family data of patent documents and utility models of 90 patent-issuing organizations including the European Patent Office (EPO) and the World Intellectual Property Organization (WIPO).

The database indexes of INPAFAMDB are based on the patent families, whereas in INPADOCDB the indexes are based on the patent applications.

**INSPEC**

Producer: The Institution of  
Engineering and Technology (IET)

The Information Service for Physics, Electronics, and Computing database contains citations with abstracts to worldwide physics, electronics and electrical engineering, computers and control engineering, and information technology literature.

**INSPHYS**

Producer: The Institution of Engineering and  
Technology (IET)

The INSPEC PHYS Supplement Backfile (INSPHYS) database covers the worldwide literature on all fields of physics, astronomy, astrophysics and related areas.

**IPA**

Producer: Thomson Reuters (Professional) Ltd.

The International Pharmaceutical Abstracts (IPA) database contains international coverage of pharmacy and health-related literature, including drug therapy, pharmacy practice and management, and the legal aspects of pharmacy and drugs.

**ITRD**

Producer: OECD, Road Transport Research  
Programme

The International Transport Research Documentation database is a bibliographic database containing citations to the worldwide literature, current research projects, and computer programs on all aspects of road research, materials and pavements, transport, and traffic planning.

**JAPIO**

Producer: Japanese Patent Office

The Japan Patent Information Organization database provides the most comprehensive English-language access to Japanese unexamined patent applications (Kokai Tokkyo Koho) in all technologies, which are provided on PAJ (Patent Abstracts of Japan) CD-ROMs. The file is enhanced with bibliographic data from INPADOCDB records from April 1973 - December 1997.

**KOREAPAT**

Producer: Korean Institute of Patent Information

Korean Patent Abstracts, produced by the Korean Institute of Patent Information (KIPI) on behalf of the Korean Intellectual Property Office (KIPO), is a patent database which provides access to Korean patent information from all areas of science and technology in English language.

**KOSMET**

Producer: International Federation of the Societies of Cosmetic Chemists (IFSCC)

KOSMET is a bibliographic database containing citations to the worldwide literature on cosmetics and perfumes, with an emphasis on scientific and technical research and studies.

**LIFESCI**

Producer: Cambridge Scientific Abstracts

The Life Sciences Collection database covers recent worldwide literature in major areas of biology, medicine, biochemistry, ecology, microbiology, and toxicology.

**LISA**

Producer: Cambridge Scientific Abstracts

Library and Information Science Abstracts is a bibliographic database providing information on all areas of library and information science.

**LITALERT**

Producer: Thomson Reuters (Professional) Ltd.

LitAlert® is a unique tool for researching litigation activity in U.S. patent and trademark portfolios. LitAlert includes records of IP lawsuits filed in the 94 US District Courts since 1973, as reported to the Commissioner of the US Patent and Trademark Office.

**MARPAT**

Producer: Chemical Abstracts Service (CAS)

The CAS Markush Search Service database contains the Markush structure records for patents cited in the CA file.

**MATBUS**

Producer: Cambridge Scientific Abstracts

MATBUS covers techno-commercial developments in iron, steel, non-ferrous metals, and engineering materials (ceramics, polymers, composites, and plastics).

**MECHENG**

Producer: Cambridge Scientific Abstracts

Mechanical & Transportation Engineering Abstracts provides information on the serials literature in mechanical and transportation engineering and their complementary fields, including fuels and materials.

**MEDLINE**

Producer: U.S. National Library of Medicine

MEDLINE contains information on every area of medicine, e.g. biomedical research and clinical studies, biochemistry, bioethics, dental medicine, nursery, pharmacy, psychology, public health, space medicine, toxicology, and veterinary medicine.

**METADEX**

Producer: Cambridge Scientific Abstracts

Metals Abstracts/Alloy Index is a bibliographic database covering the worldwide literature on metallurgy and materials.

**MRCK**

Producer: Merck & Co., Inc.

The Merck Index Online<sup>SM</sup> database contains concise descriptions of human and veterinary drugs, biological and natural products, agricultural chemicals, organic and inorganic chemicals used in commerce and research.

**MSDS-OHS**

Producer: MDL Information Systems

The OHS Material Safety Data Sheets database contains information about individual chemical substances to address global environmental, health, and safety concerns.

**NAPRALERT**

Producer: University of Illinois at Chicago, College of Pharmacy

Natural Products Alert contains information on the biological, biochemical, and economic aspects of natural drugs and their constituents.

**NTIS**

Producer: National Technical Information Service (NTIS)

The National Technical Information Service database contains abstracts on government-sponsored research, which corresponds to Government Reports Announcements & Index. The file contains records for all areas of science, including chemistry and material sciences, engineering, technology, and environmental protection.

**OCEAN**

Producer: Cambridge Scientific Abstracts

The Oceanic Abstracts database covers a wide variety of sea-related issues, focusing on ships and shipping, marine biology, chemical and physical oceanography, and environmental, technological, and legislative topics.

**PASCAL**

Producer: Institut de l'Information Scientifique et Technique du Centre National de la Recherche Scientifique (INIST-CNRS)

The PASCAL database provides access to the world's scientific and technical literature including chemistry and physics, life sciences, earth sciences, information sciences, applied sciences and technology.

**PATDD**

Producer: German Patent and Trademark Office

PATDD contains bibliographic information and abstracts of patent publications published by the former German Democratic Republic until October 2, 1990, and by the German Patent and Trademark Office from October 3, 1990.

**PATDPA**

Producer: German Patent and Trademark Office

The German Patent Database contains citations on scientific and technological patents, patent applications, and utility models filed in Germany. Cited patent and non-patent literature of search reports is also included. PATDPA also contains SPCs (supplementary protection certificates) valid for Germany.

**PATDPAFULL**

Producer: German Patent and Trademark Office

The PATDPAFULL database contains the full text of German published patent applications (Offenlegungsschriften) from 1981, granted patents (Patentschriften) from 1981, translations of European patent documents (T2 documents) from 1992, as well as German utility models (Gebrauchsmuster) from 1981, filed with the German Patent and Trademark Office.

**PATDPASPC**

Producer: German Patent and Trademark Office

PATDPASPC contains all German Supplementary Protection Certificates (SPCs) for medicinal or plant protection products. Currently the data comprise 1027 SPCs from 1992 to date.

**PATIPC**

Producer: German Patent and Trademark Office

PATIPC contains the text and graphics (chemical structure images) of the International Patent Classification (IPC) as published by the World Intellectual Property Organization (WIPO) and the German Patent and Trademark Office (DPMA).

**PCTFULL**

Producer: LexisNexis Univentio B.V.

WIPO/PCT Patents Full-Text database covers the full text of PCT (Patent Cooperation Treaty) published applications issued under the auspices of the World Intellectual Property Organization (WIPO).

**PCTGEN**

Producer: World Intellectual Property Organization

PCTGEN contains information on nucleic acid and protein sequences submitted to the World Intellectual Property Organization (WIPO) by the patent applicants.

**PIRA**

Producer: Pira International

PIRA & PAPERBASE database provides access to international literature on business and technological development of the pulp and paper, imaging, packaging, printing, publishing, and nonwovens industries, including environmental issues.

**POLLUAB**

Producer: Cambridge Scientific Abstracts

The Pollution Abstracts database contains information on air, marine, freshwater, land, and noise pollution and related environmental topics, including waste management, toxicology and health, radiation, and environmental regulations.

**PS**

Producer: Georg Thieme Verlag KG

Pharmaceutical Substances is designed to be a complete reference guide to every pharmaceutical compound of significance.

**RAPRA**

Producer: Rapra Technology Ltd.

RAPRA covers plastics, rubber, adhesives, and polymeric composites. Coverage includes a wide scope of subjects encompassing technical, academic, commercial and marketing aspects of the rubber and plastics industries.

**RDISCLOSURE**

Producer: Kenneth Mason Publications Ltd.

The Research Disclosure database contains the full text including images of technical disclosures of inventions published as an alternative to the patent system. Through research disclosure later patenting of the relevant invention is prevented.

**REGISTRY**

Producer: Chemical Abstracts Service (CAS)

The CAS REGISTRY<sup>SM</sup> File is a chemical structure and dictionary database that contains unique substance records identified by CAS. Records contain CAS Registry Numbers, CA index names, commonly used synonyms, polymer class terms, structure diagrams (many with stereo-chemical information), molecular formulas, and calculated physical properties, all of which are searchable.

**REAXYSFILE**

Producer: Elsevier Information Systems GmbH

ReaxysFile<sup>TM</sup> is a major structure and factual database containing fully searchable chemical structures and reactions, associated chemical and physical properties, and pharmacological and ecological data. The organic substance records contain the critically reviewed and evaluated documents from Handbook of Organic Chemistry as published by Friedrich Beilstein as well as data from leading journals in organic chemistry covering the period from 1771 to the present.

**RTECS**

Producer: [Symyx Technologies, Inc.](#)

Registry of Toxic Effects of Chemical Substances contains factual toxicity data for commercially important substances from research and government reports.

**RUSSIAPAT**

Producer: [Russian Federal Institute of Industrial Property](#)

Russian Patent Abstracts is a bibliographic file covering Russian patents from 1924 onwards.

**SCISEARCH**

Producer: [Thomson Reuters \(Professional\) Ltd.](#)

Science Citation Index, one of the largest multidisciplinary scientific databases, is an international index to the literature covering virtually every subject area within the broad fields of science, technology, and biomedicine.

**SOFIS**

Producer: [GESIS - Leibniz Institute for the Social Sciences](#)

SOFIS (Sozialwissenschaftliches Forschungsinformationssystem) contains information on current, planned, and completed social science research projects in Germany, Austria, and Switzerland.

**SOLIDSTATE**

Producer: [Cambridge Scientific Abstracts](#)

Solid State and Superconductivity Abstracts contains information on solid state studies, including applications, physics, and superconductivity of metallic, plastic, and ceramic materials.

**SOLIS**

Producer: [GESIS - Leibniz Institute for the Social Sciences](#)

The Social Sciences Literature Information System covers sociology, demography, social psychology, history, social research methods, political science, education, communications, labour and employment, and ethnology.

**SPECINFO**

Producer: [Chemical Concepts GmbH](#)

Spectral Database Information System contains NMR spectra for carbon, fluorine, phosphorus, nitrogen, and oxygen, as well as infrared spectra. In addition to spectral data, SPECINFO contains substance identification information such as molecular formula, molecular weight, chemical name, and CAS Registry Numbers for many compounds.

**TEMA**

Producer: [WTI-Frankfurt](#)

The Technology and Management database contains citations to German and international literature in the areas of mechanical engineering and plant construction, electrical engineering and electronics, materials, information technology, textile technology, medical technology, management and operational organization.

**TOXCENTER**

Producer: [Chemical Abstracts Service \(CAS\)](#)

Toxicology Center covers the pharmacological, biochemical, physiological, and toxicological effects of drugs and other chemicals.

**TRIBO**

Producer: German Federal Institute for Material Research and Testing

Tribology Index covers worldwide literature on tribology, the science of friction, lubrication, and wear.

**TULSA/TULSA<sub>2</sub>**

Producer: University of Tulsa, Petroleum Abstracts

Petroleum Abstracts covers the worldwide literature and patents related to petroleum exploration, development, and production of petroleum resources, particularly oil and natural gas. TULSA also covers the areas of ecology and pollution.

**UFORDAT**

Producer: Umweltbundesamt

Environment Research in Progress contains information on ongoing and completed research in Germany, Switzerland, and Austria.

**ULIDAT**

Producer: Umweltbundesamt

Environmental Literature Database contains records about the environmental problems of German-speaking countries. Coverage of ULIDAT includes environmental research on water, air, waste management, noise, and soil.

**USAN**

Producer: U.S. Pharmacopeial Convention, Inc.

USP Dictionary of U.S. Adopted Names and International Drug Names is recognized throughout the health care industry as the authoritative drug dictionary.

**USGENE**

Producer: SequenceBase Corporation

The USPTO genetic sequence database covers all peptide and nucleic acid sequences from the published applications and issued patents of the United States Patent and Trademark Office (USPTO).

**USPAT<sub>2</sub>**

Producer: U.S. Patent and Trademark Office

U.S. Patents Latest Publications, companion to USPATFULL, contains the complete text of U.S. patents and current classifications and classifications for the second or latest publications of U.S. patents and applications issued by the U.S. Patent and Trademark Office since 2001.

**USPATFULL/USPATOLD**

Producer: U.S. Patent and Trademark Office

U.S. Patents Original Publications contains the complete text of U.S. patents and current classifications for the original publication of patent documents issued by the U.S. Patent and Trademark Office from 1975 to the present, with partial coverage of selected technologies from 1971-1974, and defensive publications from 1976 to the present.

USPATOLD includes more than 3.5 million records and covers the full text of patents issued from the U.S. Patent and Trademark Office (USPTO) from 1790-1975.

**VETU/VETB**

Producer: Thomson Reuters (Professional) Ltd.

Derwent Veterinary Drug File provides references from the world's foremost journals on developments and applications of veterinary drugs for use in farm, domestic and other animals.

**WATER**

Producer: Cambridge Scientific Abstracts

Water Resources Abstracts provides summaries of the world's technical and scientific literature on water-related topics covering the characteristics, conservation, control, pollution, treatment, use and management of water resources.

**WELDASEARCH**

Producer: TWI Ltd.

WELDASEARCH is a comprehensive database containing abstracts to journal articles, research reports, books, standards, patents, theses and special publications in the areas of joining metals, plastics and ceramics, metal and ceramic spraying, thermal cutting, brazing, soldering and related topics.

**WPIDS/WPINDEX/WPIX**

Producer: Thomson Reuters (Professional) Ltd.

Derwent World Patents Index® provides information on patent publications from the 41 most important patent issuing authorities of the world. Each record in the database describes a patent family, starting with the new invention (Basic Patent) and adding information about the same invention issued in other countries (Equivalents).

**WSCA**

Producer: PRA Coatings Technology Centre

World Surface Coatings Abstracts is dedicated to paint and surface coating technology and related fields.

## Learning Files

LBIBLIO, LCA, LCASREACT, LDRUG, LEMBASE, LMARPAT, LMEDLINE, LINPADOCDB, LINPA-FAMDB, LINSPEC, LPATDPA, LPCI, LREGISTRY and LWPI are learning files designed for low-cost training. These files are not updated. Connect hour fees – and telecommunication fees – are the only charges that apply to these files.

## “H” CAS files and “Z” CAS files

You have the option to search the CAS files CA, CAPLUS, CHEMLIST, and CIN with no search term charges and higher connect hour fees.

To use the connect hour option, enter the alternate file name: HCA, HCAPLUS, HCHEMLIST or HCIN.

You have the option to search the CAS files CA, CAPLUS, and REGISTRY with no connect hour fees and higher search term charges.

To use the zero connect hour option, enter the alternate file name: ZCA, ZCAPLUS, or ZREGISTRY.

## Databases by Clusters

STN database clusters contain databases covering the same subject area. You can search the clusters through the Multifile Search capability. Reviewing the clusters can help you determine which databases to search to find information on your topic of interest:

<b>AEROTECH</b>	<b>ENVIRONMENT</b>	<b>METALS</b>
<b>AGRICULTURE</b>	<b>FOOD</b>	<b>MOBILITY</b>
<b>BIOSCIENCE</b>	<b>FORMULATIONS</b>	<b>PATENTS</b>
<b>BUSINESS</b>	<b>FUELS</b>	<b>PETROLEUM</b>
<b>CHEMENG</b>	<b>GEOSCIENCE</b>	<b>PHARMACOLOGY</b>
<b>CHEMISTRY</b>	<b>HEALTH</b>	<b>PHYSICS</b>
<b>COMPUTER</b>	<b>HPATENTS<sup>1)</sup></b>	<b>PNTTEXT<sup>2)</sup></b>
<b>CONSTRUCTION</b>	<b>HUMANITIES</b>	<b>POLYMERS</b>
<b>ELECTRICAL</b>	<b>MATERIALS</b>	<b>SAFETY</b>
<b>ENGINEERING</b>	<b>MEDICINE</b>	<b>TOXICOLOGY</b>

<sup>1)</sup> Patents cluster with "H" CAS files

<sup>2)</sup> Patent full-text files

Other database clusters contain databases that share a similar feature (e.g. CAS Registry Numbers, numeric data, chemical structure searching): CASRNS, FULLTEXT, MEETINGS, NUMERIC, STRUCTURE or have the same producer: IMSBASES.

Complete lists of databases belonging to each cluster are available in the "STN Content" section at [www.stn-international.de](http://www.stn-international.de).

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