



STN Database Summary Sheet

The **Chem Sources Chemical File (CSCHEM)** is a catalog file containing information about commercially available chemicals.

The records contain names of chemicals and chemical products, names of suppliers, and classifications for trade name products. CAS Registry Numbers[®] and structures are also included for a majority of the chemicals in CSCHEM.

CSCHEM is a companion to the CSCORP File, which is a directory file containing addresses and contact information for the companies that supply the chemical products listed in CSCHEM.

Subject Coverage

- Business
- Chemistry
- Manufacturers

Sources

Chemical and Trade Name sections of CHEM SOURCES - USA and CHEM SOURCES INTERNATIONAL.

File Data

- More than 203,600 records (3/06)
- Reloaded annually
- Automatic current-awareness searches (SDIs) are not available in this file

User Aids

- Online Helps (HELP DIRECTORY lists all help messages available)
- STNGUIDE

Database Producer

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In Japan

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International Chemical Information)
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CSCHEM

Search and Display Field Codes

The field that allows left truncation (/BI) is marked with an asterisk (*).

Search Field Name	Search Code	Search Examples	Display Codes
Basic Index* (contains single words from the chemical name (CN), company name (CO), and trade name classification (TNC) fields, as well as company codes (COC) and CAS Registry Numbers)	None (or /BI)	S BARIUM (L) SULFATE S 106-21-8 S ?ACETAMI? S DRUGS LIMITED	CN, CO, COC, RN, TNC
Chemical Name Company Code	/CN /COC	S BARIUM SULFATE/CN S ALKIN/COC S MPR/COC (L) BLK (1)	CN COC
Company Name	/CO	S ALDRICH/CO S KRAHN CHEMIE GMBH/CO (L) HP (1)	CO
Field Availability Trade Name Classifications	/FA /TNC	S (FERRO (L) ADDITIVES)/CO S (POLY? (S) LAB?)/CO S L1 AND RN/FA S (ADDITIVES AND OIL)/TNC S ACRYLONITRILE COMPOUNDS/TNC S (ADHESIVES (S) RESIN)/TNC	Not displayed TNC

(1) HP is used to designate suppliers of high purity chemicals. BLK is used to designate suppliers of bulk or commercial quantities of chemicals.

DISPLAY and PRINT Formats

Any combination of formats may be used to display or print answers. Multiple codes must be separated by spaces or commas, e.g., D L1 1-5 CN COC. The fields are displayed or printed in the order requested.

Highlighting is available for all fields except AN, STF, STR, and STS. Highlighting must be ON during SEARCH in order to use the HIT, KWIC, and OCC formats.

Format	Content	Examples
AN (1) CN CO COC RN STF (2) STR (3) STS (2,3) TNC	Accession Number Chemical Name Company Name Company Code CAS Registry Number Flat Structure Diagram (no stereo bonds indicated) Structure Diagram (includes stereo bonds and R/S/E/Z labels when available) Stereo Structure (includes stereo bonds when available) Trade Name Classification	D 2 AN CN CO DISPLAY CN, TNC D CO TOTAL D CO COC D RN 1,3,5 D STF D CN STR D CN TNC STS D 3-5 CN TNC
ALL IDE (NAM)	AN, RN, CN, COC, CO, TNC, STR AN, RN, CN, COC, STR (IDE is the default)	D ALL D 2 IDE
HIT KWIC OCC (1)	Fields containing hit terms Hit terms plus 20 words on either side (KeyWord-In-Context) Number of occurrences of hit terms and fields in which they occur	D HIT D KWIC NOH D OCC

(1) No online display fee for this format.

(2) Custom display only.

(3) Stereo structure diagrams are available only on graphics terminals and in offline prints.

SELECT, ANALYZE, and SORT Fields

The SELECT command is used to create E-numbers containing terms taken from the specified field in an answer set.

The ANALYZE command is used to create an L-number containing terms taken from the specified field in an answer set.

The SORT command is used to rearrange the search results in either alphabetic or numeric order of the specified field(s).

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Accession Number	AN	Y (2)	N
CAS Registry Number	RN	Y	Y
Chemical Name	CN	Y	Y
Company Code	COC	Y (default)	N
Company Name	CO	Y	N
Occurrence Count of Hit Terms	OCC	N	Y
Trade Name Classification	TNC	Y	N

(1) HIT may be used to restrict terms extracted to terms that match the search expression used to create the answer set, e.g., SEL HIT COC.

(2) SELECT HIT and ANALYZE HIT are not valid with this field.

Sample Records

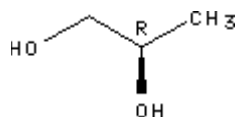
DISPLAY IDE

AN 149283 CSCHEM

RN 4254-14-2

CN R-(-)-PROPYLENE GLYCOL

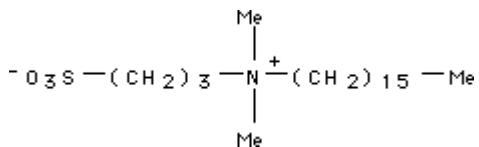
COC ABCDE, ACRUS, AES, ALHUS, CMHDE, DAIJP, DGT, FLUCH, PPG, SIYFR, SPE, TCI, TCIJP



CSCHEM**DISPLAY ALL**

AN 177593 CSCHEM
RN 7699-43-6
CN ZIRCONYL CHLORIDE
COC ALHUS CO Aldrich Chemical Company
ANECA Anachemia Science
Div. of Anachemia Canada Inc.
ARRDE Auer - Remy
ATO Atomergic Chemetals Corporation (BLK)
BEKGB Berk Chemicals Limited
CNCCN China National Chemicals Import & Export Corporation
CREUS Crescent Chemical Co., Inc.
EMI EM Science
An EM Industries Company
GFS GFS Chemicals, Inc.
HOHZA Hoechst SA (Pty) Ltd.
HSMGB Heraeus Silica & Metals Ltd.
ING Integra Chemical Company
INSUS ICN Biomedicals, Inc.
MBANL Mallinckrodt Baker B.V.
MELGB MEL Chemicals
MVLGB Mandoval Ltd.
NBSGB NBS Biologicals Ltd.
NOA Noah Technologies Corporation (HP)
OHNJP Ohno Chemical Co., Ltd.
PNB Pfaltz & Bauer, Inc.
QUZZA Quartzchem CC
SII Southern Ionics Incorporated
SOT Soltec Ventures, Inc.
SPE Spectrum Chemical Mfg. Corporation
SPX SPEX CertiPrep, Inc. (HP)
TOGCN Tongchem Co., Ltd.
VWR VWR Scientific Products
WAK Wako Chemicals USA, Inc. (HP)
WCH Wah Chang (HP)
WEG Wego Chemical & Mineral Corp.
YIZCN Yixing Xinxing Zirconium Co., Ltd.

DISPLAY ALL (cont'd)



Search Example: Find a supplier in the U.S. for vinyl cyclopentane.

=> FILE CSCHEM

=> S VINYL CYCLOPENTANE/CN

L1 1 VINYL CYCLOPENTANE/CN

=> SEL CO

E1 THROUGH E11 ASSIGNED

=> FIL CSCORP

=> SET POSTINGS OFF; SET DETAIL OFF

SET COMMAND COMPLETED

SET COMMAND COMPLETED

=> S E1-11 AND UNITED STATES

863 UNITED STATES

(UNITED (W) STATES)

L2 6 ("BLK")/CO OR "(HP)"/CO OR "ABCR GMBH & CO. KG"/CO OR "ALDRICH
CHEMICAL COMPANY"/CO OR "API STANDARD REFERENCE MATERIALS"/CO
OR "CARNEGIE-MELLON UNIVERSITY"/CO OR "CHEMOS GMBH"/CO OR CHEMSA
MPCO/CO OR "DWR RESEARCH COMPANY"/CO OR "ICN BIOMEDICALS, INC."/
CO OR "MONOMER-POLYMER & DAJAC LABORATORIES, INC."/CO) AND
UNITED STATES

=> D

L2 ANSWER 1 OF 6 CSCORP COPYRIGHT 2003 CHEM SOURCES

AN 3526 CSCORP FS INTERNATIONAL; USA

COC MPDUS

CO ***Monomer-Polymer & Dajac Laboratories, Inc.***

CA Feasterville PA 19053 ***United*** ***States*** - 1675 Bustleton

Pike (MFG, SHIP, SALES)

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