



STN is operated in North America  
by Chemical Abstracts Service.

## STN Database Summary Sheet

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

Records contain catalog information for the substance provided by the supplier, e.g., the catalog name, chemical and trade names, grade information, CAS Registry Number<sup>®</sup>, structure diagram, properties, regulatory information, prices. Additionally, records contain the company names and addresses, as well as supplier information, e.g., pricing terms, products and services, packaging and shipping information, safety and handling information. The fields with information vary with the supplier.

### Subject Coverage

- Business
- Chemistry
- Manufacturers

### Sources

Catalogs and chemical libraries from suppliers worldwide

### File Data

- Catalogs and chemical libraries, 1995 to the present
- More than 25,313,000 records (11/08)
- More than 27,411,000 products (11/08)
- 961 suppliers (11/08)
- 1057 catalogs (11/08)
- Reloaded when new or revised information is available
- Automatic current-awareness searches (SDIs) are not available

### User Aids

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

### Database Producer

Chemical Abstracts Service  
2540 Olentangy River Road  
P.O. Box 3012  
Columbus, Ohio 43210-0012 USA  
Phone: 800-753-4227 (North America)  
Phone: 614-447-3700 (worldwide)  
Fax: 614-447-3751  
E-mail: [help@cas.org](mailto:help@cas.org)

### Database Representative

HELP DESK lists worldwide representatives

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#### In North America

CAS  
STN North America  
P.O. Box 3012  
Columbus, Ohio 43210-0012 U.S.A.

CAS Customer Care:  
Phone: 800-753-4227 (North America)  
614-447-3700 (worldwide)  
Fax: 614-447-3751  
E-mail: [help@cas.org](mailto:help@cas.org)  
Internet: [www.cas.org](http://www.cas.org)

#### In Europe

FIZ Karlsruhe  
STN Europe  
P.O. Box 2465  
76012 Karlsruhe  
Germany  
Phone: +49-7247-808-555  
Fax: +49-7247-808-259  
E-mail: [helpdesk@fiz-karlsruhe.de](mailto:helpdesk@fiz-karlsruhe.de)  
Internet: [www.stn-international.de](http://www.stn-international.de)

#### In Japan

JAICI (Japan Association for  
International Chemical Information)  
STN Japan  
Nakai Building  
6-25-4 Honkomagome, Bunkyo-ku  
Tokyo 113-0021, Japan  
Phone: +81-3-5978-3601 (Technical Service)  
+81-3-5978-3621 (Customer Service)  
Fax: +81-3-5978-3600  
E-mail: [support@jaici.or.jp](mailto:support@jaici.or.jp) (Technical Service)  
[customer@jaici.or.jp](mailto:customer@jaici.or.jp) (Customer Service)  
Internet: [www.jaici.or.jp](http://www.jaici.or.jp)

# CHEMCATS

## Search and Display Field Codes

Fields that allow left truncation are indicated by an asterisk (\*).

| Search Field Name  | Search Code      | Search Examples  | Display Codes                     |
|--|------------------|--|-----------------------------------|
| Basic Index * (contains single words from the catalog and company names (CO), company address (CA), country (CY), zip/postal code (ZP), chemical and trade names and grade (CN), supplementary terms (ST), text (TX), identifiers and identifier notes, as well as CAS Registry Numbers) | None<br>(or /BI) | S ZONYL<br>S SODIUM SALT#<br>S SULF? AND TECH<br>S ?BENZSELENA?<br>S 7773-06-0                               | CA, CN, CO, CY,<br>RN, ST, TX, ZP |
| Accession Number   | /AN              | S 2008000149/AN  | AN                                |
| Chemical Name (contains chemical name, synonyms, trade names, and grade)   | /CN              | S METHOXYTRIMETHYLSILANE/CN  | CN                                |
| Chemical Name Segment *  | /CNS             | S 3-NITROBENZYL BROMIDE/CN<br>S REAGENT/CN<br>S TRIETHOXY/CNS<br>S (BROMO (L) BENZENE)/CNS<br>S ?NAPHTH?/CNS | CN                                |
| Company Address (contains company street address, city, and state) (1)   | /CA              | S WATERBURY/CA<br>S P O BOX 245/CA   | CO                                |
| Company Name and Catalog Name (1)  | /CO              | S L1 AND ALDRICH/CO<br>S PFALTZ & BAUER, INC./CO   | CO                                |
| Country  | /CY              | S L7 AND USA/CY<br>S MAYBRIDGE/CO AND UNITED KINGDOM/CY  | CO                                |
| Entry Date (2)   | /ED<br>(or /UP)  | S L1 AND ED>=20000600  | Not displayed                     |
| Field Availability   | /FA              | S SIGMA/CO AND RN/FA   | Not displayed                     |
| Order Number   | /ON              | S A-102/ON   | ON                                |
| Publication Date (2)   | /PD              | S 20000607/PD<br>S JAN 1, 2000-JUL 31, 2000/PD   | PD                                |
| Publication Year (2)   | /PY              | S 2000/PY  | PY                                |
| Supplementary Term (1)   | /ST              | S INSOLUBLE/ST<br>S LIGHT SENSITIVE/ST   | ST                                |
| Trade Name   | /TN              | S ANGELICA LAC?/TN   | CN                                |
| Zip/Postal Code  | /ZP              | S 44202/ZP<br>S D 78464/ZP   | CO                                |

(1) Search with implied (S) proximity is available in this field.

(2) Numeric search field that may be searched using numeric operators or ranges.

## DISPLAY and PRINT Formats

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

Highlighting is available in all searchable fields. Highlighting must be on during SEARCH in order to use the HIT, KWIC, and OCC display formats.

| Format  | Content  | Examples   |
|---|--|--|
| AN (1)<br>CA (CY)<br>CN<br>CO<br>FA (2)<br>LSF<br>ON<br>PD<br>PY (2)<br>RN<br>ST<br>STF<br>STR (3)<br>STS (3)<br>TX | Accession Number<br>Company name and address<br>Chemical Name (includes chemical name, grade, synonym, and trade name)<br>Catalog name and company name, addresses, and supplier information<br>Table of fields containing data<br>Linear Structural Formula<br>Order Number<br>Publication Date<br>Publication Year<br>CAS Registry Number<br>Supplementary Term<br>Flat Structure (no stereo indicated)<br>Structure Diagram (includes stereo bonds and R/S/E/Z labels when available)<br>Stereo Structure (includes stereo bonds when available)<br>Text  | D L4 1-4 AN<br>D CA<br>D CN<br>D CO 5-10<br>D FA 1-<br>D LSF<br>D L8 ON 1-3<br>D 1,4 PD<br>D PY<br>D CN RN<br>D ST L1 4<br>D L9 1 3 STF<br>D L4 STR<br>D STS<br>D TX 3,4 |
| ALL (3)<br><br>COMP<br>IDE (3)<br>MISC<br>PINFO<br>PRICE<br>PROD<br>PROP<br>REF<br>REGS<br>SAFE<br>SINFO            | AN, CO (Catalog Name), PD, ON, CN, RN, ST, Purity, Impurity, product identifiers, product notes, STR, product text (properties, regulatory information, references, prices, warnings, miscellaneous fields), CA, TX (products, terms, and conditions; products and services; packaging and shipping; safety and handling; other supplier information)<br>Company Information (AN, CO (Catalog Name), PD, CA, company text)<br>AN, CO (Catalog Name), PD, ON, CN, RN, LSF, ST, STR (IDE is the default)<br>AN, miscellaneous product information fields<br>AN, pricing information text<br>AN, prices and quantities<br>AN, product text<br>AN, properties<br>AN, references<br>AN, regulatory information<br>AN, product warnings<br>AN, safety text | D ALL<br><br>D COMP<br>D 1-5 IDE<br>D MISC<br>D PINFO<br>D PRICE 1-<br>D PROD<br>D PROP<br>D REF<br>D REGS<br>D SAFE<br>D SINFO  |
| HIT<br>KWIC<br>OCC (1)  | Fields containing hit terms<br>Hit terms plus 20 words on either side (KeyWord-In-Context)<br>Number of occurrences of hit terms and fields in which they occur  | D HIT 1,3,10<br>D KWIC<br>D OCC  |

(1) No online display fee for this format.

(2) Custom display only.

(3) Stereo structure diagrams are not available on text (type 3) terminals.

## CHEMCATS

### 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/<br>SELECT (1) | SORT |
|---------------------------------------|------------|------------------------|------|
| Accession Number                      | AN         | Y                      | N    |
| CAS Registry Number                   | RN         | Y (2)                  | N    |
| CAS Registry Number and Chemical Name | CHEM       | Y (2)                  | N    |
| Chemical Name                         | CN         | Y (3) (default)        | N    |
|                                       | NAME       | Y (2)                  | N    |
| Company Address                       | CA         | Y                      | N    |
| Catalog and Company Name              | CO         | Y                      | Y    |
| Country                               | CY         | Y                      | N    |
| Linear Structural Formula             | LSF        | Y (4)                  | Y    |
| Occurrence of Hit Terms               | OCC        | N                      | Y    |
| Order Number                          | ON         | Y                      | Y    |
| Publication Date                      | PD         | Y                      | Y    |
| Publication Year                      | PY         | Y                      | Y    |
| Supplementary Term                    | ST         | Y                      | N    |
| Text                                  | TX         | Y (2)                  | N    |
| Zip Code                              | ZP         | 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 CN.

(2) Appends /BI to the terms created by SELECT.

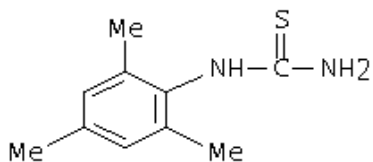
(3) Selects or analyzes the chemical name, synonyms, grade, and trade names with /CN appended to the terms created by SELECT.

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

## Sample Records

### DISPLAY ALL

Accession No. (AN): 2030149105 CHEMCATS  
Catalog Name (CO): Apollo Scientific Intermediates for Research and  
Development  
Publication Date (PD): 30 Nov 2006  
Order Number (ON): OR28421  
Chemical Name (CN): N-mesitylthiourea  
CAS Registry No. (RN): 91059-97-1  
Structure :



### PRICES

Quantity : N/A, Price: contact supplier

### COMPANY INFORMATION

Apollo Scientific Ltd.  
Whitefield Rd.  
Bredbury, Stockport, Cheshire, SK6 2QR  
United Kingdom

Phone: 44(0)161 406 0505  
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Email: [sales@apolloscientific.co.uk](mailto:sales@apolloscientific.co.uk)  
Web: <http://www.apolloscientific.co.uk>