

# **CHEMCATS®** (Chemical Catalogs Online)

Subject Coverage	<ul><li>Business</li><li>Chemistry</li><li>Manufacturers</li></ul>					
File Type	Directory, Substance	ce				
Features	Alerts (SDIs)	Not available				
	CAS Registry Number® Identifiers	$\overline{\checkmark}$	Page Images		STN <sup>®</sup> AnaVist™	
	Keep & Share	$\overline{\checkmark}$	SLART	$\square$	STN Easy <sup>®</sup>	$\overline{\checkmark}$
	Learning Database		Structures	$\overline{\checkmark}$		
Record Content	<ul> <li>Catalog information for the substance provided by the supplier, e.g., the catalog name, chemical and trade names, grade information, CAS Registry Number, structure diagram, and properties</li> <li>Company names and addresses, as well as supplier information, e.g., pricing terms, and products and services</li> <li>Field information varies with the supplier</li> </ul>					
File Size	Millions of commercially available products (3/2016)					
Coverage	Current catalogs and chemical libraries					
Updates	Reloaded when new or revised information is available, typically more often than weekly					
Language	English					
Database Producer	Chemical Abstracts 2540 Olentangy Ri P.O. Box 3012 Columbus, Ohio 43 Phone: 800-753-42 Phone: 614-447-37 Fax: 614-447-37 Email: help@cas. Copyright Holder	ver Road 3210-0012 US 227 (North Am 700 (worldwid 751	nerica)			
Sources	Catalogs and chemical libraries from suppliers worldwide.					
User Aids	<ul><li>Online Helps (H</li><li>STNGUIDE</li></ul>	ELP DIRECT	ORY lists all help	o messages a	vailable)	
Clusters	CASRNS     COMPANIES     STN Database Clu	<u>sters</u> informat	ion (PDF).			
Pricing	Enter HELP COST	at an arrow p	rompt (=>).			

## **Search and Display Field Codes**

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

Search Field Name   Code   Search Examples   Codes	Fleids that allow left truncation	_	direction ( ).	
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 notes, as well as CAS Registry Numbers (RN))         AN         S 1988167593/AN         AN           Bulk Availability         /AN         S 1988167593/AN         AN           Accession Number (3)         /AN         /BULK         S YES/BULK         AN           Bulk Availability         /CATNAME         S HURAVACATNAME         CO           Chemical Name (contains chemical name, synonyms, trade names and grade)         /CN         S REAGENT/CN         S ANALYTICAL STANDARD/CN         CN           Chemical Name Segment *         /CNS         S TRIETHOXY/CNS         CN         CN           Company Address (contains company street address, city, and state) (1)         /CA         S WATERBURY/CA         CO, CA           Company Name and Catalog Name (1)         /CO         S BENZENE AND ALDRICH/CO         CO         CO           Name (1)         /CY         S 50-00-0 AND UNITED STATES/CY         CO, CY           Entry Date (2)         /ED         /S 00-00-0 AND ED=20140604         FA           Field Availability         /FA         S SIGMA/CO AND RN/FA         FA           ON         S PFALTZ & BAUER, INC./CO         CO, CY           PFLIZ & S DO-00-0 AND RN/FA	Search Field Name	Search Code	Search Examples	Display Codes
Bulk Availability         /BULK         S YES/BULK         BULK         Catalog Name         CO         Chemical Name (contains chemical name, synonyms, trade names and grade)         S METHOXYTRIMETHYLSILANE/CN         S METHOXYTRIMETHYLSILANE/CN         CN         S MALYTICAL STANDARD/CN         S MALYTICAL STANDARD/CN         S MALYTICAL STANDARD/CN         CN         S MALYTICAL STANDARD/CN         CN         S MALYTICAL STANDARD/CN         CN         CO         CA         S MATERBURY/CA         CO         CO         CO         CO         CA         S PO BOX 245/CA         CO         CO         CO         CO         CO         CO         CO         CO         CO         C	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 notes, as well as CAS Registry		S SODIUM SALT# S SULF? AND TECH S ?BENZSELENA?	CA, CN, CO, CY, RN, ST, ZP
Catalog Name         /CATNAME         S FLUKA/CATNAME         CO           Chemical Name (contains chemical name, synonyms, trade names and grade)         S METHOXYTRIMETHYLSILANE/CN         CN           Chemical Name Segment *         /CNS         S REAGENT/CN S ANALYTICAL STANDARD/CN         CN           Chemical Name Segment *         /CNS         S TRIETHOXY/CNS S (BROMO (L) BENZENE)/CNS S (BROMO (L) BENZENE, BROMO				
Chemical Name (contains chemical name, synonyms, trade names and grade)  Chemical Name Segment *  Chemical Name Segment *	Catalog Name			
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<sup>(1)</sup> Search with implied (S) proximity is available in this field.(2) Numeric search field that may be searched using numeric operators or ranges.(3) Accession numbers are reassigned each time the database is updated.

### **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 CO. The fields are displayed or printed in the order requested.

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

Format	Content	Examples
AN (1) BULK (1,2) CA (CY) CN CO FA (2) ON PD PRCE (2) PRCT (1,2) PY (2) QCAT (1,2) RN SCRN (1,2) SHIP (1,2) ST STF	Accession Number Bulk Availability Company name and address Chemical Name (includes chemical name, grade, synonym, and trade name) Catalog name and company name, addresses, and supplier information Field Availability Order Number Catalog Publication Date Price & Quantity Purity Category Publication Year Quantity Category CAS Registry Number Screening Compound Shipping Time Stock Availability Supplementary Term Flat Structure (no stereo indicated)	D L4 1-4 AN D BULK D CA D CN D CO 5-10 D FA 1- D ON 1-3 D 1,4 PD D PRCE D PRCT D PY D QCAT D CN RN D SCRN D SHIP D SKAV D ST L1 4 D L9 1 3 STF
STR (3) STS (3)	Structure Diagram (includes stereo bonds and R/S/E/Z labels when available) Stereo Structure (includes stereo bonds when available)	D L4 STR D STS
ALL (3)	AN, CO (Catalog Name), PD, ON, CN, RN, ST, SKAV, QCAT, SHIP, PRCT, BULK, SCRN, PURITY, STR, PRCE, COMP	D ALL
COMP IDE (3) PRICE PROP	Company Information: AN, CO (Catalog Name), PD, CA (includes text notes) AN, CO (Catalog Name), PD, ON, CN, RN, ST, STR (IDE is the default) AN, prices and quantities AN, properties	D COMP D 1-5 IDE D PRICE 1- D PROP
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 1,3,10 D KWIC D OCC

<sup>(1)</sup> No online display fee for this format.

<sup>(2)</sup> Custom display only.(3) Stereo structure diagrams are not available on text (type 3) terminals.

### 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	Υ	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	Υ	N
Catalog and Company Name	CO	Υ	Υ
Country	CY	Υ	N
Occurrence of Hit Terms	OCC	N	Υ
Order Number Catalog	ON	Υ	Υ
Publication Date	PD	Υ	Υ
Publication Year	PY	Υ	Υ
Zip Code	ZP	Y	Ν

<sup>(1)</sup> 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.

### Sample Record

#### **DISPLAY ALL**

```
Accession No. (AN): 1443049569 CHEMCATS
Catalog Name (CO): Alfa Aesar
Publication Date (PD): 30 Jul 2014
Order Number Cat. (ON): J60401
Chemical Name (CN): Formaldehyde, 4% in PBS
Synonym (CN): Formaldehyde
CAS Registry No. (RN): 50-00-0
Supplementary Term (ST): CHEMICAL LIBRARY
Stock Availability (SKAV): Typically in stock
Quantity Category (QCAT): Unknown
Shipping Time (SHIP): 1 week
Bulk Availability (BULK): Yes
Screening Compound (SCRN): Yes
Structure :

H2C=0

PRICES

Quantity : 250ml, Price: $32.80
Quantity : 500ml, Price: $57.70
```

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

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

#### COMPANY INFORMATION

Alfa Aesar A Johnson Matthey Company 26 Parkridge Road Ward Hill, MA, 01835 United States

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BioScientific Pty. Ltd. P O Box 78

Gymea, N. S. W., 2227

Australia

Phone: (61) 1300 BIOSCI (246724)

Fax: (61) 2 9542 3100 Email: info@biosci.com.au Web: http://www.biosci.com.au

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Phone: 0800 801812 Phone: +44 (0)1524 850506 Fax: +44 (0)1524 850508

Email: uksales@alfa.com

Hydrus Chemical Inc. Kurihara Bldg. 3-2-12, Uchikanda Chiyoda-ku, Tokyo, 101-0047

Japan

Phone: 81 (0)3 3258 5031 Fax: 81 (0)3 3258 6535 Email: info@hydrus.co.jp Web: http://www.hydrus.co.jp

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

CAS Customer Center: Phone: 800-753-4227 (North America) 614-447-3700 (worldwide)

614-447-3751 Email: help@cas.org Internet: www.cas.org

In Europe FIZ Karlsruhe STN Europe P.O. Box 2465 76012 Karlsruhe Germany

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In Japan

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