



STN is operated in North America  
by Chemical Abstracts Service.

# STN Database Summary Sheet

**CIN (Chemical Industry Notes)** is a bibliographic database covering worldwide business events in the chemical industry since 1974.

The records contain bibliographic information, indexing, abstracts, chemical names, and CAS Registry Numbers®. There is an online thesaurus for the Geographic Term (/GT) field.

## Subject Coverage

Business news in all areas of the chemical industry. Major subdivisions and their Category Codes (/CC) (in parentheses) are: Production (A), Pricing (B), Sales (C), Facilities (D), Products and Processes (E), Corporate Activities (F), Government Activities (G), People (H).

## Sources

CIN monitors about 70 worldwide periodicals including:

- Journals
- Trade Magazines
- Newspapers
- Newsletters
- Government Publications
- Special Reports

## File Data

- 1974-present
- More than 1.6 million records (7/09)
- Updated daily with about 400 records per week
- Automatic current-awareness searches (SDIs) may be run weekly or biweekly (weekly is the default)

## User Aids

- CIN Database Description
- CIN List of Periodicals
- Online help (HELP DIRECTORY lists all help messages available)
- STNGUIDE

## Database Producer

Chemical Abstracts Service  
2540 Olentangy River Road  
P.O. Box 3012  
Columbus, OH 43210-0012  
USA

## Database Representative

See <http://www.cas.org/support/agents.html> for list of worldwide representatives

### 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

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STN Europe  
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Internet: [www.stn-international.de](http://www.stn-international.de)

### In Japan

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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)

**CIN****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 title (TI), abstract (AB), supplementary term (ST), company name (CO), named person (NA), chemical name (RN) fields, as well as CAS Registry Numbers)	None (or /BI)	S POLYETHYLENE S 67-56-1 S ?CHLORO? S WORLD BANK	AB, CO, NA, RN, ST, TI
Accession Number	/AN	S 21:04326/AN	AN
Chemical Name	/CN	S TEREPHTHALIC ACID/CN	RN
CIN Year and Issue <b>(1)</b>	/YI	S 200126-200152/YI	Not displayed
Classification Code (Category Code)(code or text)	/CC (or /FS)	S A/CC S PRODUCTION/CC	CC
Company Name (includes main term)	/CO	S (AIR (W) PRODUCTS)/CO S *WESTERN MINING?/CO	CO
Entry Date <b>(1)</b>	/ED (or /UP)	S L1 AND ED>=20020100	Not displayed
Field Availability	/FA	S RN/FA	FA
Geographic Term <b>(2)</b> (includes main term)	/GT	S DEVELOPING COUNTRIES/GT S *HUNGARY/GT	GT
Journal Title	/JT	S GENET ENG NEWS/JT	SO
Language of Journal (code or text)	/LA	S DE/LA S GERMAN/LA	LA
Named Person (includes main term)	/NA	S MCCONNELL, J?/NA S *MCCONNELL, JOHN H/NA	NA
Publication Date <b>(1)</b>	/PD	S PD>20020100	SO
Publication Year <b>(1)</b>	/PY	S 2001-2002/PY	SO
Source (contains abbreviated journal titles, collation information (volume, issue, and page numbers), ISSN, CODEN)	/SO	S WALL ST/SO S WSJOAF/SO AND 2002/PY	SO
Supplementary Term (includes main term)	/ST	S GENETIC#/ST	ST
Title <b>(3)</b>	/TI	S *FERTILIZER/ST S EARNINGS/TI	TI

**(1)** Numeric search field that may be searched with numeric operators or ranges.

**(2)** These is an online thesaurus available in the field.

**(3)** Field available from 1992 forward.

## Geographic Term (/GT) Thesaurus

All Relationship Codes can be used with both the SEARCH and EXPAND commands in the Geographic Term (/GT) field unless otherwise indicated.

There may be some terms in the CIN thesaurus that have too many associated terms in order to be able to use the EXPAND command directly with the +ALL relationship code. If you encounter such a term, use the EXPAND command with an +NT relationship code to identify the thesaurus terms at the level immediately below your term in the hierarchy. Then EXPAND each NT1 term individually with the +ALL relationship code.

Relationship Code	Content	Example
ALL	All associated terms (BT, SELF, NOTE, NEW, GCDP, USE, UF, OLD, NT, RT, DP)	E EASTERN EUROPE+ALL/GT
AUTO (1)	Automatic Relationship (SELF, OLD, NEW)	E YEMEN+AUTO/GT
BT	Broader Terms (BT, SELF)	S ZAIRE+BT/GT
DP	Dependent Territories (SELF, DP)	E NETHERLANDS+DP/GT
GCDP	Governing Country of a Dependent Territory (SELF, GCDP)	E GREENLAND+GCDP/GT
HIE	Broader and Narrower Terms (BT, SELF, NT)	E EAST ASIA+HIE/GT
KT	Keyword Terms (multiword phrases containing the term) (SELF, KT)	E OCEAN+KT/GT
NEW	New terms and Note (SELF, NOTE, NEW)	E KAMPUCHEA+NEW/GT
NOTE (2)	Notes associated with terms (SELF, NOTE)	E BURKINA FASO+NOTE/GT
NT	Narrower Terms (SELF, NT)	E CENTRAL AMERICA+NT/GT
OLD	Old terms and Note (SELF, NOTE, OLD)	E CAMBODIA+OLD/GT
PFT	All Preferred and Forbidden Terms (SELF, USE, UF)	E USSR+PFT/GT
RT	Related Terms (see also terms) (SELF, RT)	E ANGOLA+RT/GT
STD	Standard terms for Broader, Narrower, Related, and Dependent Territories (BT, SELF, NT, RT, DP)	E RED SEA+STD/GT
UF	Used For Term (Forbidden Term) (SELF, UF)	E EASTERN EUROPE+UF/GT
USE	Use Term (Preferred Term) (SELF, USE)	E UNITED KINGDOM+USE/GT

(1) AUTOMATIC relationship is SET OFF. If you SET RELATION ON, the result of EXPAND without any relationship code is the same as described for AUTO.

(2) This relationship code can be used only with the EXPAND command.

**CIN****Field Descriptors for the /GT Thesaurus**

Code	Description
→	Self
BT	Broader Term
DP	Dependent Territories
GCDP	Governing Country of Dependent Territory
KT	Keyword Term
NEW	New Term
NOTE	Notes associated with the term
NT	Narrower Term
OLD	Old Term
UF	Used For Term
USE	Use
RT	Related Term

**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 BIB ABS or D L1 SO,RN. The fields are displayed or printed in the order requested.

Hit-term highlighting is available for all fields except FA. Highlighting must be ON during SEARCH in order to use the HIT, KWIC, and OCC formats.

Format	Content	Examples
AB AN CC (FS) CO FA (1,2) GT LA NA RN (CN) SO ST TI	Abstract Accession Number Classification Code (Category Code) Company Name Field Availability Geographic Term Language Named Person CAS Registry Number and Chemical Name Source Supplementary Term Title	D AB L3 1-4 D L2 AN 2 D CC L4 1-3 D 1-6 L2 CO D L1 1-5 FA D GT 3,5 D L1 2,4 LA D L3 NA 1-3 D RN 1-10 L2 D 1-3 SO L5 D ST 1-6 D 2 4 6 TI
ABS ALL BIB CBIB IND SAM SCAN (1,3)	AB AN, TI, SO, LA, AB, CC, ST, CO, NA, GT, RN AN, TI, SO, LA (BIB is the default) AN, compressed bibliography CC, ST, CO, NA, GT, RN TI, CC, ST, CO, NA, GT, RN TI, CC, ST, CO, NA, GT, RN (random display without answer numbers)	D 2,5 ABS D 5 ALL D L2 1-10 D CBIB DIS IND 4 7 D 1-10 SAM D SCAN
HIT KWIC OCC (1)	Fields containing hit terms Hit terms plus 20 words on either side (KeyWord-In-Context) Fields containing hit terms and number of times they occur	D HIT 5 D KWIC 1-5 D OCC 1-3 L4

(1) No online display fee for this format.

(2) Custom display only.

(3) SCAN must be specified on the command line, i.e., D SCAN or DISPLAY SCAN.

## 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
Abstract	AB	Y	N
Accession Number	AN	Y (2)	N
CAS Registry Number	RN	Y	N
CAS Registry Number and Chemical Name	CHEM	Y (3)	N
Chemical Name	CN	Y	N
Classification Code (Category Code)	CC	Y	Y
CODEN	CODEN	N	Y
Company Name	CO	Y	N
File Segment (Category Code)	FS	Y	Y
Geographic Term	GT	Y	Y
International Standard Serial Number	ISSN	N	Y
Journal Title	JT	Y	Y
Language	LA	Y	Y
Named Person	NA	Y	Y
Occurrence Count of Hit Search Terms	OCC	N	Y
Publication Year	PY	Y (2)	Y
Source	SO	Y (3)	N
Supplementary Term	ST	Y (default)	N
Title	TI	Y	Y

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

(3) Append /BI to the terms created by SELECT.

(4) Selects or analyzes the CODEN and ISSN with /SO appended to the terms created by SELECT.

**CIN****Sample Records****DISPLAY ALL**

AN 31(6):6254X CIN  
TI Pesticide Makers Ask for Certain Organophosphate Cancellations  
SO Chem. Mark. Rep., 21 Jan 2002 (20020121), 261(3), p. 16. ISSN: 1092-0110;  
CODEN: CMREF6.  
LA English  
AB Several pesticide makers have asked the Environmental Protection Agency (EPA) to cancel some residential uses of organophosphate pesticides, according to the agency. EPA has been reassessing risks posed by the organophosphates under the 1996 Food Quality Protection Act (FQPA) and is expected to release a review of their cumulative risks later this year. The voluntary requests for residential use cancellations announced are for dimethoate and naled. At the same time, EPA said several crop uses for disulfoton are being cancelled. The agency said it would grant the requests at the end of a 30-day comment period that will close on February 11. Dimethoate products are manufactured by Cheminova Agro F/S of Wayne, N.J.; BASF Corp. of Mount Olive, N.J.; Gowan Company of Yuma, Ariz.; Drexel Chemical Company of Memphis, Tenn.; and Platte Chemical Co. Inc. of Greeley, Colo.. EPA says six end use product makers also sought cancellations, and 14 end use makers sought label changes.  
CC G (Government Activities)  
ST \*US organophosphate pesticide product use cancellation request  
CO US Environmental Protection Agency  
Platte Chemical Co. Inc.  
Drexel Chemical Co.  
Gowan Co.  
BASF Corp.  
Cheminova Agro F/S  
GT \*US  
RN 60-51-5 (DIMETHOATE)  
298-04-4 (DISULFOTON)  
300-76-5 (NALED)

## EXPAND in /GT Thesaurus

```
=> E MEDITERRANEAN COUNTRIES+ALL/GT
E1      30200   BT1  World/GT
E2       33     -->  Mediterranean Countries/GT
                NOTE Term introduced to replace Mediterranean. Countries
                that border the Mediterranean Sea.
E3       741     OLD  Mediterranean/GT
E4       350     NT1  Albania/GT
E5      2389     NT1  Algeria/GT
E6        3     NT1  Bosnia and Herzegovina/GT
E7       208     NT1  Croatia/GT
E8       534     NT1  Cyprus/GT
E9        0     NT2  Northern Cyprus/GT
E10     3708     NT1  Egypt/GT
E11      32     NT2  Nile Delta/GT
E12     249     NT2  Sinai/GT
E13    30183     NT1  France/GT
E14      52     NT2  Brittany/GT
E15      5     NT2  Corsica/GT
E16      9     NT2  Seine River/GT
E17    2045     NT1  Greece/GT
E18     148     NT2  Macedonia/GT
E19    3852     NT1  Israel/GT
E20   18599     NT1  Italy/GT
E21      52     NT2  Sicily/GT
E22     201     NT1  Lebanon/GT
E23     412     NT1  Libyan Arab Jamahiriya/GT
E24      71     NT1  Malta/GT
E25    1542     NT1  Morocco/GT
E26      0     NT2  Spanish North Africa/GT
E27     14     NT3  Ceuta/GT
E28      2     NT3  Melilla/GT
E29   12844     NT1  Spain/GT
E30      1     NT2  Balearic Islands/GT
E31     17     NT2  Canary Islands/GT
E32     699     NT1  Syria/GT
E33    1214     NT1  Tunisia/GT
E34    4223     NT1  Turkey/GT
E35      40     NT2  Anatolia/GT
E36      7     NT2  Thrace/GT
E37    2701     RT  Africa/GT
E38   13717     RT  Asia/GT
E39      17     RT  Eurasia/GT
E40   45346     RT  Europe/GT
E41     135     RT  Mediterranean Sea/GT
*****      END      *****
```