

CIN/HCIN (Chemical Industry Notes)

Subject Coverage	• Business • Chemistry • Manufacturers										
File Type	Bibliographic										
Features	<table> <tr> <td>Thesaurus</td><td>Geographic terms (/GT)</td></tr> <tr> <td>Alerts (SDIs)</td><td>Weekly or biweekly (weekly is the default)</td></tr> <tr> <td>CAS Registry Number® Identifiers</td><td>☒ Page Images ☐</td></tr> <tr> <td>Keep & Share</td><td>☒ SLART ☒</td></tr> <tr> <td>Learning Database</td><td>☐ Structures ☐</td></tr> </table>	Thesaurus	Geographic terms (/GT)	Alerts (SDIs)	Weekly or biweekly (weekly is the default)	CAS Registry Number® Identifiers	☒ Page Images ☐	Keep & Share	☒ SLART ☒	Learning Database	☐ Structures ☐
Thesaurus	Geographic terms (/GT)										
Alerts (SDIs)	Weekly or biweekly (weekly is the default)										
CAS Registry Number® Identifiers	☒ Page Images ☐										
Keep & Share	☒ SLART ☒										
Learning Database	☐ Structures ☐										
Record Content	• Covers information related to the chemical business industry. • Abstracts, bibliographic information, CAS Registry Numbers, chemical names, and index terms are searchable.										
File Size	More than 1.79 million records (2/25)										
Coverage	1974-present										
Updates	Weekly										
Language	English										
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 Email: help@cas.org Copyright Holder										
Sources	• Government Publications • Journals • Newsletters • Newspapers • Special Reports • Trade Magazines										
User Aids	• Online Helps (HELP DIRECTORY lists all help messages available) • STNGUIDE										

Clusters

- AGRICULTURE
- ALLBIB
- BIOSCIENCE
- BUSINESS
- CASRNS
- CHEMENG
- CHEMISTRY
- COMPANIES
- ENGINEERING
- ENVIRONMENT
- FUELS
- GOVREGS
- HEALTH
- MATERIALS
- METALS
- PETROLEUM
- PHARMACOLOGY
- POLYMERS
- SAFETY

[STN Database Clusters](#) information (PDF).

Pricing

Enter HELP COST at an arrow prompt (=>).
CIN and HCIN differ only in the pricing metrics.

Search and Display Field Codes

The field that allows left truncation 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 (CN) 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 (4)	/CN	S TEREPHTHALIC ACID/CN	RN
CIN Year and Issue (1)	/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 (1)	/ED	S L1 AND ED>=20020100	Not displayed
Field Availability	/FA	S RN/FA	FA
Geographic Term (2) (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 (1)	/PD	S PD>20020100	SO
Publication Year (1)	/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 S *FERTILIZER/ST	ST
Title (3)	/TI	S EARNINGS/TI	TI
Update Date (1)	/UP	S UP>20110100	Not displayed

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

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

(3) Field available from 1992 forward.

(4) Some CAS Registry Numbers in CIN have the letter Q appended. The Q indicates that more than one CAS Registry Number has been assigned to the substance name appearing in the original record. When you search on a CAS Registry Number, you will also retrieve records which contain the CAS Registry Number appended with the letter Q.

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.

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 to use the HIT, KWIC, and OCC formats.

Format	Content	Examples
AB AN CC (FS) CO FA (1,2) GT LA NA RN (CN) RNK RNKM 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 Relevancy Ranking Single File Relevancy Ranking Multiple Files 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 RNK 1-5 D RNKM 1-5 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, e.g., 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 (3)	N
Chemical Name	CN	Y (3)	N
CIN Year and Issue	YI	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	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) SELECT CHEM puts each RN in one E-number (with no appended Q). Each name in the CN field is also selected (without parentheses).

Sample Records

DISPLAY ALL

AN 54(6):508M CIN Full-text
 TI ExxonMobil Chem, Indonesia Ink MoU for Petrochem Complex, CCS Project
 SO PetroChem. News, 27 Jan 2025 (20250127), 63(4), p. 1. ISSN: 0031-6342;
 CODEN: PNEEAI.
 LA English
 AB ExxonMobil Chemical and Indonesia's Coordinating Ministry for Economic
 Affairs have signed a memorandum of understanding (MoU) to cooperate on
 the investment of a new petrochemical complex and a carbon capture and
 storage (CCS) project in Indonesia. Under the MoU, the parties aim to
 explore Exxon Mobil's investment in the development of a world-class
 petrochemical complex, with an estimated investment of \$10-billion, the
 ministry noted.
 CC F (Corporate Activities)
 ST petrochemical company agreement Indonesia
 CO *ExxonMobil Chemical
 GT Indonesia
 RN 7440-44-0 (CARBON)

EXPAND in /GT Thesaurus

=> E MEDITERRANEAN COUNTRIES+ALL/GT

E1	41768	BT1 World/GT
E2	36	--> Mediterranean Countries/GT
		NOTE Term introduced to replace Mediterranean. Countries
		that border the Mediterranean Sea.
E3	955	OLD Mediterranean/GT
E4	381	NT1 Albania/GT
E5	2922	NT1 Algeria/GT
E6	26	NT1 Bosnia and Herzegovina/GT
E7	364	NT1 Croatia/GT
E8	570	NT1 Cyprus/GT
E9	1	NT2 Northern Cyprus/GT
E10	4897	NT1 Egypt/GT
E11	75	NT2 Nile Delta/GT
E12	280	NT2 Sinai/GT
E13	35527	NT1 France/GT
E14	58	NT2 Brittany/GT
E15	5	NT2 Corsica/GT
E16	9	NT2 Seine River/GT
E17	2294	NT1 Greece/GT
E18	188	NT2 Macedonia/GT
E19	4683	NT1 Israel/GT
E20	22136	NT1 Italy/GT
E21	88	NT2 Sicily/GT
E22	269	NT1 Lebanon/GT
E23	699	NT1 Libyan Arab Jamahiriya/GT
E24	92	NT1 Malta/GT
E25	1752	NT1 Morocco/GT
E26	0	NT2 Spanish North Africa/GT
E27	15	NT3 Ceuta/GT
E28	2	NT3 Melilla/GT
E29	14338	NT1 Spain/GT
E30	2	NT2 Balearic Islands/GT
E31	22	NT2 Canary Islands/GT
E32	836	NT1 Syria/GT
E33	1349	NT1 Tunisia/GT
E34	6241	NT1 Turkey/GT
E35	43	NT2 Anatolia/GT
E36	17	NT2 Thrace/GT
E37	4051	RT Africa/GT
E38	21704	RT Asia/GT

E39 28 RT Eurasia/GT
E40 62715 RT Europe/GT
E41 164 RT Mediterranean Sea/GT
***** END *****

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