

Chemical Safety NewsBase

FILE DESCRIPTION

Chemical Safety NewsBase (CSNB) provides information on the hazardous effects of chemicals and processes encountered by workers in industry and laboratories. The database also covers microbiological and radiation hazards encountered in the workplace. Each record contains an informative abstract. Chemical substances are indexed separately and CAS® Registry Numbers are provided when available.

SUBJECT COVERAGE

Chemical Safety NewsBase contains information on the hazards likely to be encountered in the chemical and allied industries and on the hazards encountered in all types of laboratories. CSNB will be of interest to workers, safety officers, and all those concerned with health and safety management. The database includes information on:

- Animal and Microbiological Hazards
- Biological Effects of Chemicals and Radiation
- Chemical Reactions
- Emergency Planning
- Fires and Explosions
- Laboratory Design, Management, and Practice
- Legislation and Standards
- Occupational Health and Hygiene
- Safe Practices and Equipment
- Transportation and Storage of Chemicals
- Waste Management

Items on well-known hazards are not included unless new information is given. The **Chemical Safety NewsBase** corresponds to the print publications *Chemical Hazards in Industry*, and *Laboratory Hazards Bulletin*.

SOURCES

Over 120 primary journals are scanned; these include both specialized occupational health publications and chemical, biochemical, toxicological and medical research journals. Items selected include full articles, books, audiovisual material, technical reports, and references to conferences, courses, and forthcoming events.

TIPS

USE FILE 317

to find information on chemical, microbiological, and radiation hazards in the workplace.

USE THE BASIC INDEX

and word proximity for the broadest search by chemical name.

S DI(W)AMINO(W)TOLUENE

USE RN=

to search a specific chemical by CAS® Registry Number.

S RN=72-20-8

USE MAP RN T

to create a temporary SearchSave of CAS® Registry Numbers for further searching in other databases.

MAP RN T S5/1-3

DIALOG FILE DATA

Inclusive Dates: 1981 to the present

Update Frequency: Monthly

File Size: Over 74,000 records as of January 2005

CONTACT

Chemical Safety NewsBase is produced by the Royal Society of Chemistry. Questions concerning file content should be directed to:

The Royal Society of Chemistry

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SAMPLE RECORD

DIALOG(R)File 317:Chemical Safety NewsBase
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AN=, DT= 007731 CSNB Acc. No.: 05-12-002881 DOC. TYPE: Journal
/TI Potential consequences of a fire in an insecticide storage facility

AU= AUTHOR: Jeffries, C.; Schiefer, H. B.
CS= CORPORATE SOURCE: Toxicol. Res. Cent, Univ. Saskatchewan, Saskatoon, SK S7N 0W0, Canada

JN= JOURNAL: Regul. Toxicol. Pharmacol, Volume 5, Issue 2, Page(s) 197- 203

CD=, SN= CODEN: RTOPDW ISSN: 0273-2300
PY=, PD=, LA= PUBLICATION DATE: JUN 1985 (850600) LANGUAGE: English
/AB ABSTRACT: Assumptions are identified and made in an attempt to model the acute human health risk associated with a hypothetical fire in an insecticide storage facility. The insecticides used in the model are endrin and dimethoate. The model indicates that persons residing a few hundred meters from the facility could suffer a variety of adverse effects, including possible death from contact with smoke from a prolonged, low-temperature fire. Knowledge of the special hazards of cool toxic smoke as well as current atmospheric conditions could be of use to fire fighters. That is, fire fighters might wisely choose to promote a fast, hot fire which would propel toxicants high into the atmosphere rather than risk local fumigation

/DE DESCRIPTORS: fire fighting; insecticide; storage insecticide; plant siting

/ID, SY=, RN= CHEMICAL SUBSTANCE(S): dimethoate (60-51-5); endrin (72-20-8)
/SH, SH=, SC= SECTION: Fires and Explosions (01)
/SH, SH=, SC=, XR= SECTION CROSS-REFERENCE: General and Miscellaneous Biological Effects (09)

SEARCH OPTIONS

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
— /AB	— AB	All Basic Index Fields Abstract ¹	Word Segment & Word	S INSECTICIDE? S DI/AB S INSECTICIDE?/AB
/DE	DE	Descriptor ¹	Segment & Word & Phrase	S METH/DE S INSECTICIDE/DE S FIRE FIGHTING/DE
/ID	ID	Chemical Substance Index Name ^{1,2}	Segment & Word & Phrase	S METHOATE/ID S DIMETHOATE/ID S BIPHENYLS POLYCHLORINATED/ID
/SH	SH	Section Cross Reference ^{1,2}	Word & Phrase	S (ALLERGY(1W)IRRITANTS)/SH S "CARCINOGENS AND MUTAGENS"/SH
/SH	SH	Section Name ^{1,2}	Word & Phrase	S EXPLOSIONS/SH S HAZARDOUS WASTE MANAGEMENT/SH
/TI	TI	Title ¹	Segment & Word	S CHLORO/TI S INSECTICIDE(W)STORAGE/TI

¹ Chemical names are segmented in all Basic Index fields; for example, DIAMINOTOLUENE is retrieved when searched as a single term or by searching the segments: DI, AMINO, DIAMINO, or TOLUENE. To exclude the segments use the /FW suffix; for example S TOLUENE/FW to retrieve the word set off by spaces or punctuation.

² Searchable in the Basic Index and in the Additional Indexes.

ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
AN= —	AN AN	CSNB Abstract Number DIALOG Accession Number	Phrase	S AN=05-12-002881
AU= AV= BN=	AU AV BN	Author Availability International Standard Book Number (ISBN)	Phrase Word Phrase	S AU=JEFFERIES, C S AV=(CIS(W)ABSTR?) S BN=0 11 290429 7 S BN=0112904297
CD= CF= CO=	CD CF CO	CODEN Conference Information Source Organization	Phrase Word Word & Phrase	S CD=RTOPDW S CF=(LODZ(S)POLAND) S CO=(MDA(W)SCIENTIFIC) S CO=MARTINDALE PROTECTION?
CS= CT= DT= — JN=	CS CT DT ED JN	Corporate Source Secondary Citation Document Type Editorial Information Journal ³	Word Word Phrase	S CS=(UNIV?(1W)SASKATCHEWAN) S CT=(TOXICOL(W)ABSTRACTS) S DT=JOURNAL
LA= PD=	LA PD	Language Publication Date ⁴	Phrase Phrase	S JN=REGUL. TOXICOL. PHARMACOL? S JN=MUTATION RESEARCH S LA=ENGLISH S PD=850600 S PD=19960406
PU= PY= RN= RP= RT= SC= SH= SN=	PU PY RN RP RT SC SH SN	Publisher Publication Year CAS(R) Registry Number Report Number Report Title Section Code ⁵ Section Name ^{2,5,6} International Standard Serial Number (ISSN)	Word Phrase Phrase Phrase Word Phrase Phrase Phrase	S PU=WHO S PY=1985 S RN=60-51-5 S RP="EPA 600/8 82 007F" S RT=(WHO(W)TECHNICAL(W)REPORT) S SC=01 S SH=FIRES "AND" EXPLOSIONS S SN=0273-2300 S SN=02732300
— SY=	SO SY	Source Information ⁷ Synonym (Chem Sub Index Name) ²	Phrase	S SY=DIMETHOATE S SY=ACETIC ANHYDRIDE
UD= XR=	— XR	Update Section Cross-Reference Code and Name ²	Phrase Phrase	S UD=9999 S XR=09 S XR=GENERAL "AND" MISCELLANEOUS BIOL?

³ From UD=9505 both abbreviated journal name and full journal name are included. Prior to UD=9505, only the abbreviated journal name is used.

⁴ From UD=9606 both six and eight digit publication dates are included, e.g., S PD=19960406 and S PD=960406. Prior to UD=9606, only the six digit date is used.

⁵ SC= and SH= search both section and cross-reference section codes and names.

⁶ SH displays both the section and the section cross-reference names.

⁷ Includes Journal Name, Pagination, Volume, Issue, Publisher, Corporate Source, Secondary Citation, and Source Organization.

SPECIAL FEATURES

For command descriptions, enter HELP LIMIT, HELP SORT, HELP RANK, HELP MAP, HELP DUP, HELP CURRENT online.

LIMIT	/CHI -- Chemical Hazards in Industry /ENG -- English Language /LHB -- Laboratory Hazards Bulletin /NONENG -- Non-English Language /YYYY -- Publication Year	S S6/CHI S S3/ENG S S5/LHB S S4/NONENG S S2/1985
SORT	AU, CS, JN, PD, PY, SH, TI	SORT S12/ALL/AU/JN PRINT S12/3/1-50/AU/PY,D
RANK	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked. Other RANK codes include: DE, ID	RANK DE RANK AU S4
MAP	CD, RN, SN, SY	MAP RN TEMP S5
RD, ID	Remove duplicates (RD) or identify duplicates (ID,IDO).	RD S5
CURRENT	Search only the most recent year plus one (CURRENT1) to five (CURRENT5) years.	B 317 CURRENT2

PREDEFINED FORMAT OPTIONS

NO.	DIALOGWEB FORMAT	RECORD CONTENT
1	--	DIALOG Accession Number
2	--	Full Record except Abstract
3	Medium	Bibliographic Citation
4	--	Full Record with Tagged Fields
5	--	Full Record
6	Free	Title
7	Long	Full Record except Indexing
8	Short	Title and Indexing
9	Full	Full Record
K	--	KWIC (Key Word In Context) displays a window of text; may be used alone or with other formats

OTHER OUTPUT OPTIONS

For an explanation, enter HELP TYPE, HELP UDF, HELP TAG online.

USER DEFINED FORMATS	Display codes listed in the Search Options tables can be used to customize output.	TYPE S3/AU,TI,SO/1-5
TAG	Output can be displayed with tags identifying each display field.	TYPE S2/AU,TI,SO/1-5 TAG
DIRECT RECORD ACCESS	If the accession number of a specific record is known, it can be used to display the record directly.	TYPE 001739/5 DISPLAY 001739/TI,AU PRINT 001739/3

FOR ONLINE HELP:

See HELP FIELDS 317 for searchable fields; HELP FORMAT 317 for output formats; HELP LIMIT 317 for limits; HELP RATES 317 for cost information; HELP SORT 317 for sorts.