

Chemical Safety NewsBase

Date revised: 30 July 2021

Description

Chemical Safety NewsBase contains information on the hazardous effects of chemicals and processes encountered by workers in industry and laboratories. It includes references to animal and microbiological hazards, the biological effects of chemicals and radiation, chemical reactions, emergency planning, fires and explosions, laboratory design and management, legislation and standards, occupational health and hygiene, safe practices and equipment, transportation and storage of chemicals and waste management.

Items on well-known hazards are not included unless new information is given.

Chemical Safety NewsBase corresponds to the print publications *Chemical Hazards in Industry* and *Laboratory Hazards Bulletin*.

Date Coverage

1981 - 2016

Geographic Coverage

Global

Publisher

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

The Royal Society of Chemistry
Thomas Graham House
Science Park
Milton Road
Cambridge, CB4 0WF
UK

Subject Coverage

The database provides data on the hazards likely to be encountered in the chemical and allied industries and in all types of laboratories. Workers, safety officers and all those concerned with health and safety management will benefit from the details given.

Chemical Safety NewsBase includes information on:

- Chemical reactions
- Fires and explosions
- Waste management
- Transportation and storage of chemicals
- Biological effects of chemicals on animals and microorganisms
- Safe practices and equipment
- Legislation and standards on industrial scale use of chemicals
- Emergency planning
- Laboratory design
- Management and practice
- Occupational health and hygiene
- Office health and safety

Update Frequency

Stopped updating May 2016; previously monthly

Document Types

- Reports
- Books & Monographs
- Conferences, Symposia, Meetings
- Journal articles

Sample document

Add to selected items Save to My Research Email Print Cite Export/Save

The impact of asbestos exposure in Swedish construction workers

Jarvholm, B ; Englund, A. **American Journal of Industrial Medicine** 57.1 (Jan 2014): 49-55.

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Abstract (summary) [Translate](#)

To study the occurrence of pleural mesothelioma as a measure of the impact on health from asbestos exposure in the construction industry. The occurrence of pleural mesothelioma in different occupations, time periods and birth cohorts was studied in a cohort of construction workers. They were prospectively followed after they had participated in health examinations between 1971 and 1993. The analysis was restricted to men and in total 367,568 men was included in the analysis. In total there were 419 cases of pleural mesotheliomas between 1972 and 2009. As expected the age adjusted incidence was high in insulation workers and plumbers (39 and 16 cases per 100,000 person-years, respectively). However, only 21% of the pleural mesotheliomas occurred in those occupational groups. Occupational groups with many cases of pleural mesothelioma were concrete workers (N = 56), wood workers (N = 55), painters (N = 32), electricians (N = 48), and foremen (N = 37). The highest risk was in birth cohorts born between 1935 and 1945. Between 1995 and 2009 around one-third of all male cases in the country occurred in this birth cohort. The risk seemed to decrease considerably in men born after 1955. In Sweden a considerable proportion of pleural mesotheliomas occur among construction workers; and not only in jobs traditionally associated with asbestos exposure such as insulators and plumbers but also among electricians, for example. The results shows that asbestos exposure occurs in many occupational groups, indicating that safe handling of asbestos is a very difficult or even impossible task in the construction industry.

Indexing (details) Cite

Chemical classification	08: Allergy and Irritants
Subject	risk analysis; epidemiology; occupational exposure; construction industry; risk assessment; mesothelioma
Substance	Substance: asbestos CAS: 1332-21-4
Generic name	asbestos
Title	The impact of asbestos exposure in Swedish construction workers
Author	Jarvholm, B; Englund, A
Author affiliation	bengt.jarvholm@envmed.umu.se, Umea Univ., Sweden
Language	English
Language of abstract	English
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CODEN	AJIMD8
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Publication date	Jan 2014
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Copyright	The Royal Society of Chemistry, Registered Charity No. 207890
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Updates	2014-01-03
Database	Chemical Safety Newsbase (1981 - current)

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Search fields

You can use field codes on the Basic Search, Advanced Search, and Command Line Search pages to limit searches to specific fields. The table below lists the field codes for this file.

Field name	Field code	Example	Description and Notes
Abstract	AB	ab(pleural mesothelioma) ab(poison NEAR/7 control)	Use adjacency and/or Boolean operators to narrow search results.
Abstract present	ABANY	"safe handling of asbestos" AND abany(yes)	Add: <i>AND ABANY(YES)</i> to a query to limit retrieval to records with abstracts.
Accession number	AN	an(HAZ3402000373)	A unique document identification number assigned by the Royal Society of Chemistry.
All fields	ALL	all("asbestos exposure") all(cancer AND "risk factor*")	Use adjacency and/or Boolean operators to narrow search results.
All fields + text	--	"asbestos exposure" cancer AND "risk factor*"	Same as ALL field code. Searches all fields in bibliographic files.
Author ¹ Author First Name Author Last Name	AU AUFN AULN	au("jarvholm, b") aufn(b) auln(jarvholm)	Includes all authors. Also searchable via the Look Up Citation tool.
First author	FAU	fau("jarvholm, b")	First author is included in Author browse, but its position cannot be specified in the Author browse.
Author affiliation	AF	af("umea univ" PRE/1 sweden)	Includes as much data as is available in the original document – such as department, organization, address, city, state, country, author email, etc.
CAS® Registry Number	RN	rn(1332-21-4)	Use of hyphens in appropriate places is required.
Classification	CC	cc(allergy) cc(08: allergy and irritants) cc(08)	Corresponds to the RSC Section Headings and Codes.
CODEN	CODEN	coden(AJIMD8)	
Document title	TI	ti("The impact of asbestos exposure in Swedish construction workers")	Use adjacency and/or Boolean operators to narrow search results.
Title only	TIO	tio(Corrosion protection)	Searches only the Title, not Subtitle or Alternate Title.

Field name	Field code	Example	Description and Notes
Alternate title	OTI	oti(Korrosionsschutz)	Includes Alternate title, Subtitle, and Original-language title if available.
Document type	DTYPE	dtype(article)	All values are "Article."
First available	FAV	fav(2014-01-03)	Indicates the first time a document was loaded in a specific database on PQD. It will not change regardless of how many times the record is subsequently reloaded, as long as the accession number does not change.
From database ²	FDB	"asbestos-associated diseases" AND fdb(chemicalsafety) "asbestos-associated diseases" AND fdb(1008230)	Useful in multifile searches to isolate records from a single file. FDB cannot be searched on its own; specify at least one search term then AND it with FDB.
ISSN	ISSN	issn(0271-3586) issn(02713586)	Use of hyphens is optional. Also searchable via the Look Up Citation tool.
Issue	ISS	iss(1)	Also searchable via the Look Up Citation tool.
Journal name	JN	jn(american journal of industrial medicine)	Use PUB for all Publication titles. Look Up list available for Publication Title (PUB).
Language	LA	la(german) la(english)	Also available as a Limit option.
Summary language	SL	sl(English)	
Pagination	PG	pg(49-55)	The start page is searchable on the Look Up Citation page.
Publication date	PD	pd(201401) pd(2010-2011) pd(>2012)	Date range searching is supported. Also searchable via the Look Up Citation tool.
Publication title ¹	PUB	pub("American journal of industrial medicine)	Includes all Publication names.
Publication type	PT	pt(journal)	Also searchable with PSTYPE field code.
Publication year	YR	yr(2014) yr(2012-2014)	Also searchable using PY. Date range searching is supported.

Field name	Field code	Example	Description and Notes
(CAS) Registry Number	RN	rn(1332-21-4)	Use of hyphens in appropriate places is required.
Source information	SRC	src(chem health and 15)	Includes Publication title, Publication abbreviation, Volume, Issue, ISSN, and Pagination. Also searchable via the Look Up Citation tool.
Subject ¹	SU	su(epidemiology) su("occupational exposure")	SU retrieves data from multiple fields: <i>Subject</i> and <i>Classification</i> (text only)
Main subject	SUBT	subt("construction industry")	SUBT searches terms from the <i>Subject</i> display field only.
Substance	SUBST	subst(asbestos)	
Title (document)	TI	ti("The impact of asbestos exposure in Swedish construction workers")	Use adjacency and/or Boolean operators to narrow search results.
Updated	UD	ud(2014-01-03)	The date(s) the record was loaded as a result of an update provided by the supplier.
Volume	VO	vo(57)	Also searchable via the Look Up Citation tool.

¹ A Lookup/Browse feature is available for this field in the Advanced Search dropdown or in Browse Fields.

² Click the "Field codes" hyperlink at the top right of the Advanced Search page. Click "Search syntax and field codes", then click on "FDB command" to get a list of database names and codes that can be searched with FDB.

In addition to [Search fields](#), other tools available for searching are [Limit Options](#), [Browse Fields](#), ["Narrow Results By" Limiters](#) and [Look Up Citation](#). Each is listed separately below. Some data can be searched using more than one tool.

Limit options

Limit options are quick and easy ways of searching certain common concepts. A short list of choices is available for:

Language, Classification

Date limiters are available in which you can select single dates or ranges for **date of publication** or the date **last updated** (i.e., the date the document was loaded or updated on ProQuest).

Browse fields

You can browse the contents of certain fields by using Look Up lists. These are particularly useful to validate spellings or the presence of specific data. Terms found in the course of browsing may be selected and automatically added to the Advanced Search form. Look Up lists are available in the fields drop-down on the Advanced Search page for:

Author, Publication title, Subject

“Narrow Results By” limiters

When results of a search are presented, the results display is accompanied by a list of “Narrow results by” options shown on the right-hand panel. Click on any of these options and you will see a ranked list showing the most frequently occurring terms in your results. Click on the term to apply it to (“narrow”) your search results. Narrow results by limiters in Chemical Safety Newsbase include:

Classification, Language, Publication title, Subject, Publication date

Look up citation

If you need to trace a particular bibliographic reference, use the Look Up Citation feature. Find a link to this toward the top left-hand corner of the Advanced Search page, or in the drop list under Advanced on any search form; click this and you will go to a form where you can enter any known details of the citation, including document title, author, journal name, volume, issue, page, publication date, ISSN.

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