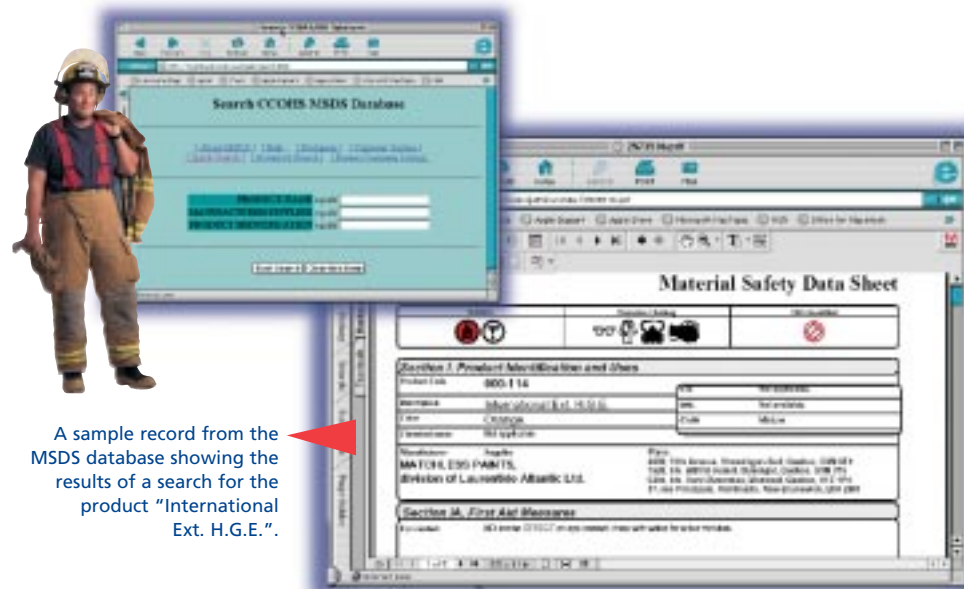


CCOHS – a trusted source

The Canadian Centre for Occupational Health and Safety (CCOHS) is a national non-profit organization that collects, evaluates and distributes information on workplace health, safety and the environment from sources around the world. Recognized internationally as an innovative and expert resource, CCOHS is governed by a Council with representatives from employers, labour and government, and as such is committed to providing impartial and accurate information to all its clients. CCOHS represents Canada for the International Labour Organisation's CIS National Centre Program, and is a World Health Organization (WHO) Collaborating Centre.



A sample record from the MSDS database showing the results of a search for the product "International Ext. H.G.E.".

Join our growing list of over 600 contributors including:

- | | | |
|------------------------------------|--------------------------------------|------------------------------|
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| Asepsis Inc. | Para Paints Canada Inc. | United Chemical Co. |
| Aventis CropScience Canada Co. | Paratherm Corporation | Unitor Canada Limited |
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A complete list of contributors to the MSDS database is available from CCOHS Client Services or <http://ccinfoweb.ccohs.ca/msds/browse/>

For more information

For further information about CCOHS and our many other products and services please contact us at:

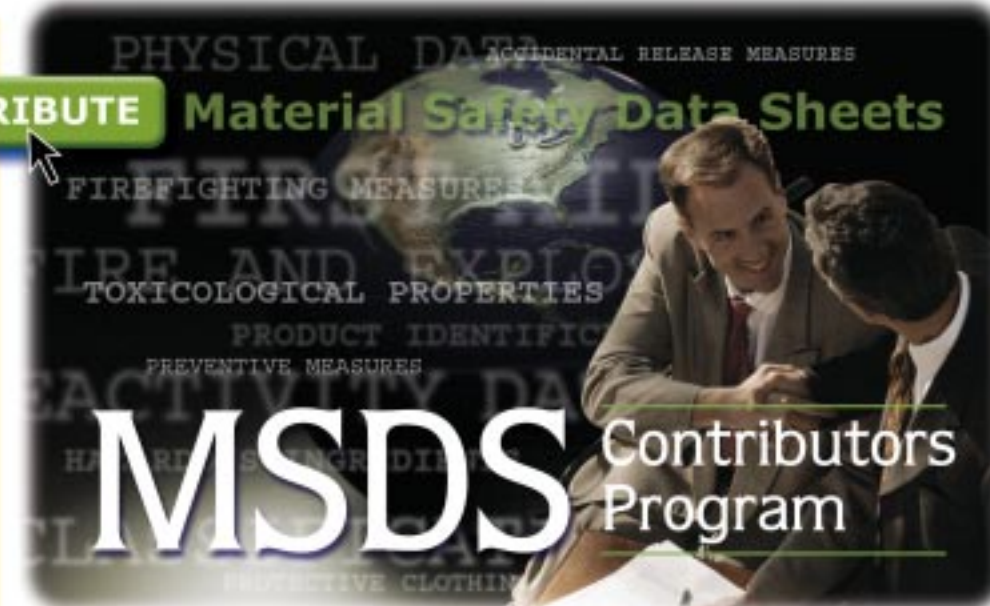


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 Hamilton Ontario Canada



CONTRIBUTE

Material Safety Data Sheets



Together We Succeed

Join with CCOHS to enhance the delivery of your MSDS information

MSDS plus CHEMINFO™ from CCOHS – a trusted source for essential information on:

- Health hazards
- Fire and reactivity
- Storage and handling
- Personal protection
- Spill and disposal procedures
- First aid recommendations
- Chemical and physical properties

We invite you to join over 1,200 of your fellow suppliers who work with CCOHS to provide essential MSDS information to customers, poison centres, emergency response centers, hospitals, government agencies and educational institutions.

Contributors like you enable us to deliver the high level of currency and accuracy that users of our database have come to expect.



Contributing is now more convenient than ever

What our clients are saying...

"I have MSDS plus CHEMINFO on my laptop...I like having all the information at my fingertips. CCOHS does all the managing and updating and that frees up our resources."

ROB MORPHEW
Manager, Environmental
and Dangerous Goods
Air Canada Jazz
(formerly Air Canada Regional)



MSDS plus CHEMINFO™ from CCOHS is the world renowned information source for:

- Industrial hygienists
- MSDS writers
- Health and safety committees
- Firefighters and other emergency responders
- Environmental, health & safety coordinators
- Product safety specialists
- Occupational health nurses and physicians
- Regulatory affairs personnel
- Chemical manufacturers
- ... Anyone who works with chemical products!

Why provide CCOHS with your MSDS collection?

For over 20 years, we have worked with suppliers in Canada and the United States to provide quick, convenient, reliable access to MSDSs. Suppliers and manufacturers partner with us for many good reasons:

Your *responsible care* initiatives are strengthened by wide distribution of reliable information about your products through our credible Web, CD-ROM and DVD service.

Participation helps to reduce the number of requests for MSDS from customers which you must process manually.

Many contributors access their own organization's MSDSs through our service quickly and easily, saving them both time and money.

Contributing provides you with a marketing advantage as it exposes your company name and product line to a broader professional audience.

BONUS!

As part of being a valued contributor to our service, we now offer you free, single-user Web Access to MSDS plus CHEMINFO™ for as long as you remain a contributor!

Questions frequently asked by contributors

We already have our collection on our company website – why should we send it to CCOHS?

Users of chemical products find it convenient to access MSDSs for all the products they use in one place. This saves precious time, especially in an emergency situation!

What makes the CCOHS MSDS database different from others available today?

Our collection is produced under the most stringent quality assurance procedures. We only accept MSDSs from companies that produce the information and take responsibility for the content and currency.

Does CCOHS assess the content of the MSDSs for legal compliance?

No. The content of the MSDS is the responsibility of the supplier. CCOHS accepts MSDSs as they are donated and enters them into the database as closely as possible to the form in which they were received, with no alteration to the content.

How often should I send updated records or files?

Many suppliers provide updates for their collection as they occur, others update their entire collection quarterly or yearly, as appropriate for their company. Typically over 60,000 records are replaced each quarter.

Is there any charge to contributors?

There is absolutely no charge to suppliers who contribute MSDSs in a suitable electronic format. Production costs are covered by subscription fees paid by users.

How many MSDSs do you have in your collection?

As of April 2003, there were more than 130,000 English-language MSDSs and over 70,000 French-language FTSSs in our collection.

How many users do you have?

We have hundreds of thousands of users including Web, CD-ROM, DVD, Network and Intranet clients.

We've made contributing your MSDSs easier than ever before!

Our MSDS database has been designed to facilitate the processing of MSDSs in various formats. Each record in the database contains the following fields, which are indexed to help users retrieve the correct MSDS:

Product name(s) – multiple product names are acceptable

Product identifiers – additional information such as UPC, product codes, DIN, or pesticide registration number applying to the product

MSDS identifier – document number or name to help track updates to the MSDS

Manufacturer identifier – including name and contact information

Supplier identifier – including name and contact information

Date – provides the date that the MSDS was written or revised

Language – provides language details about the MSDS (e.g. English / French)

MSDS text – a file (ASCII or PDF) which reproduces line for line the complete text of the MSDS.

Most records in our database are ASCII text files. Whenever feasible, collections will be processed or converted to ASCII text. Other formats, including word-processed documents, can be incorporated in PDF format. Some of the many options are summarized below.

ASCII text files

There are 2 requirements for collections in ASCII format:

- 1) Line lengths must not exceed 126 characters, and
- 2) Text should only contain characters from the standard character sets (ASCII or ebcdic).

Documents containing graphics, line drawings, or control characters (e.g. bold or underlining) may not be processable as ASCII. CCOHS will test sample MSDSs and provide feedback.

Collections which cannot be processed in ASCII can frequently be presented in PDF format.

MSDSs in PDF format

MSDS collections in PDF format are welcomed. In some cases CCOHS can download PDF files from a supplier's website.

MSDSs from word-processing or publishing programs

Many suppliers maintain their MSDSs in Microsoft Word, Excel, WordPerfect or other publishing systems. Most of these collections can successfully be converted to PDF format.

MSDSs in other formats

Some collections cannot be provided in a suitable electronic format. It may be feasible to produce scanned images of these MSDSs. We can process a limited number of paper MSDSs if good quality originals are provided.

Large collections

Whether ASCII text or PDF, a cross-reference file is always helpful and will enable the processing of the collection programmatically. Please contact CCOHS for more information

CCOHS works with each individual supplier to determine the best way to process their specific collection of MSDSs into the CCOHS MSDS database.

It is recommended that suppliers consult CCOHS staff for information and advice before sending their MSDS collection for processing.

FTSS – FICHES TECHNIQUES SUR LA SÉCURITÉ DES SUBSTANCES

We also welcome contributions to our FTSS database, containing more than 74,000 French-language material safety data sheets.

For further information... To discuss adding your MSDSs to our database, please contact:

Teresa Denney, MSDS Project Leader
Canadian Centre for Occupational
Health and Safety
Hamilton ON Canada

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