

IRIS Recent Additions – 2001-1997

[2000](#) | [1999](#) | [1998](#) | [1997](#)

19 October 2001

The summary for [Chloroform](#) has been revised, and a new [Toxicological Review for Chloroform \(PDF\)](#) (112 pages, 1.3 Mb) has been added to the IRIS Web site.

27 September 2001

A new IRIS Summary and Toxicological Review for [Quinoline](#) have been added to the IRIS Web site.

13 August 2001

The IRIS program support contractor operations have relocated from the EPA's National Center for Environmental Assessment in Cincinnati, OH to contractor facilities in Greenbelt, MD. This change is described in the Federal Register notice link located in the 23 July 2001 Recent Additions item below. The IRIS Reading Room has also relocated to this address and visitation is made by appointment only. To schedule a visit call 301-345-2870. The new contractor's address is:

IRIS
c/o ASRC
6301 Ivy Lane, Suite 300
Greenbelt, MD 20770

31 July 2001

The references for [Methylmercury](#) have been corrected.

27 July 2001

The Oral RfD Summary and associated references for [Methylmercury](#) have been replaced.

23 July 2001

Two notices were published in the Federal Register concerning IRIS.

- Click [here](#) to find information on the IRIS Needs Assessment.
- Click [here](#) to read the announcement of the upcoming move of IRIS hotline operations and the availability of the new IRIS Web site redesign.

17 July 2001

A new IRIS Summary and Toxicological Review for [Methyl chloride](#) have been added to the IRIS Web site.

05 July 2001

The summary for [Hexachlorocyclopentadiene \(HCCPD\)](#) has been revised, and a new Toxicological Review for Hexachlorocyclopentadiene (HCCPD) has been added to the IRIS Web site.

06 June 2001

A new IRIS Summary and Toxicological Review for [Bromate](#) have been added to the IRIS Web site.

01 May 2001

Removed links to Private Sector and Non-Governmental Organizations from the [IRIS Links page](#).

26 February 2001

EPA's 2001 IRIS agenda and request for information was published in the Federal Register February 22, 2001 [66 FR 11165]. Click [here](#) to view the Federal Register notice.

14 February 2001

[Characterization of Data Variability and Uncertainty: Health Effects Assessments in the Integrated Risk Information System \(IRIS\) is available on the NCEA Web site.](#) EPA is releasing the final report of an evaluation of IRIS concerning documentation of data variability and uncertainty, in response to a Congressional directive contained in HR 106-379. The final report reflects EPA's Science Advisory Board review.

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12 October 2000

The summaries for [Chlorite \(sodium salt\)](#) and [Chlorine dioxide](#) have been revised, and a new [Toxicological Review \(PDF\)](#) (56 pages, 298 Kb) for both substances has been added to the IRIS Web site.

26 September 2000

Corrections have been made to the IRIS Summary and Toxicological Review for Vinyl Chloride. See [Vinyl Chloride Revision History](#).

15 September 2000

The [summary for Chloral](#) has been revised, and is renamed Chloral hydrate. Also, a new Toxicological Review of Chloral hydrate has been added to the IRIS Web site.

07 August 2000

New IRIS Summary and Toxicological Review for [Vinyl chloride](#) have been added to the IRIS Web site.

25 May 2000

The [summary for 1,3-Dichloropropene](#) has been revised, and a new Toxicological Review for [1,3-Dichloropropene \(PDF\)](#) (83 pages, 1.9 Kb) has been added to the IRIS Web site.

17 May 2000

An addendum to EPA's 2000 IRIS agenda and request for information was published in the Federal Register May 17, 2000 [65 FR 31309]. Click [here](#) to view the Federal Register notice.

19 January 2000

The [summary for benzene](#) has been revised with a new oral carcinogenicity assessment.

12 January 2000

EPA's 2000 IRIS agenda and request for information was published in the Federal Register Jan. 12, 2000 [65 FR 1863]. Click [here](#) to view the Federal Register notice.

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30 December 1999

New IRIS Summary and Toxicological Review for [Ethylene glycol monobutyl ether \(EGBE\)](#) have been added to the IRIS Web site.

6 December 1999

In response to user requests, EPA has updated and revised the [IRIS Glossary](#), and added a column to the [List of IRIS Substances](#) indicating the date of the last significant revision to each substance file.

3 March 1999

New IRIS Summary and Toxicological Review for [Acetonitrile](#) have been added to the IRIS Web site.

21 January 1999

Minor revisions to the IRIS [Summary](#) and [Toxicological Review \(PDF\)](#) (87 pages, 258 Kb) for Barium and Compounds

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16 December 1998

On November 19, 1998 residual web-conversion dates of 3/1/1997 and 4/1/1997 were removed from the top of individual substance files. These dates will be replaced with correct dates for the last revision for each file. The replacement process will take several months. Readers should consult the Revision History [Section VII] of each substance file for the date of the most recent revision.

10 December 1998

EPA's 1999 IRIS agenda and request for information was published in the Federal Register Dec. 10, 1998 [63 FR 68285]. Click [here](#) to view the Federal Register notice.

19 November 1998

The 2 digit dates within the substance files have been updated to 4 digits. Although EPA has certified IRIS as Y2K-compliant, the change to 4-digit years makes the system consistent with other EPA Y2K actions.

16 October 1998

The [summary for benzene](#) has been revised with a new inhalation carcinogenicity assessment.

30 September 1998

New IRIS Toxicological Review for [Naphthalene \(PDF\)](#) (116 pages, 565 Kb) has been added to the IRIS Web site. This assessment was developed as part of EPA's IRIS Pilot Program.

17 September 1998

New IRIS Summary for [Naphthalene](#) has been added to the IRIS Web site. This assessment was developed as part of EPA's IRIS Pilot Program.

3 September 1998

New IRIS Summaries and Toxicological Reviews for [Chromium\(III\)](#) and [Chromium\(VI\)](#) have been added to the IRIS Web site. These assessments were developed as part of EPA's IRIS Pilot Program.

13 July 1998 - [Stand Alone \(Downloadable\) IRIS database](#)

This feature is designed for users interested in having a copy of the entire IRIS Web site on their local hard drives. We are making this available in response to the needs of users traveling or with intermittent internet access. For more information on the IRIS Stand Alone version [Click here](#).

11 June 1998 - "Table of Contents" Feature

A format improvement has been made to all [substance files](#). There is now a short "Table of Contents" at the beginning of each substance file with direct links to individual sections of the file. This enables the user to go directly to various sections [e.g., carcinogenicity section] without scrolling through the entire file.

In addition, there is a new title block design, and all the section headings have been highlighted to improve reading and navigation.

30 April 1998

The support document for [1,3,5-Trinitrobenzene \(PDF\)](#) (34 pages, 94 Kb) was replaced with format corrections.

24 April 1998

A New IRIS Toxicological Review for [Beryllium and compounds \(PDF\)](#) (94 pages, 320 Kb) is now available and was also added to the [List of Available IRIS Toxicological Reviews](#) Page.

10 April 1998

Discussion has been added to Section II.B.3 of the [arsenic file](#) (Additional Comments - Carcinogenicity, Oral Exposure). This is the only change to the [arsenic file](#) being made under EPA's IRIS Pilot.

3 April 1998

A new IRIS Summary for [Beryllium and compounds](#) has been added to the IRIS Web site.

30 March 1998

A new IRIS Summary for [Barium and Compounds](#) and a [new IRIS Toxicological Review for Barium and Compounds \(PDF\)](#) (87 pages, 258 Kb) has been added to the IRIS Web site. The [List of Available IRIS Toxicological Reviews](#) Page has also been updated.

13 March 1998

The [New IRIS Toxicological Review \(PDF\)](#) (30 pages, 220 Kb) for [Bentazon \(Basagran\)](#) is now available and was also added to the [List of Available IRIS Toxicological Reviews](#) Page.

12 March 1998

The [New IRIS Toxicological Review \(PDF\)](#) (80 pages, 564 Kb) for [Methyl methacrylate](#) is now available and was also added to the [List of Available IRIS Toxicological Reviews](#) Page.

2 March 1998

New IRIS summaries for [Methyl methacrylate](#) and [Bentazon](#) were added 2 March 1998. Methyl methacrylate is a substance newly added to IRIS. The Toxicological Reviews for these substances will be added later this month, as will summaries and Toxicological Reviews for barium and beryllium. These files are developed under the IRIS Pilot Project.

23 February 1998

We have been making minor adjustments to files converted on 7 February 1998 that had conversion problems. If you notice any problems with files or navigation in IRIS, please call them to the attention of the Webmaster at: Iris.Webmaster@epa.gov. Your comments are always welcome.

7 February 1998

IMPORTANT!

This IRIS Web site and EPA's internal PC-based IRIS2 system have been running in parallel since March 1997. The scientific content of the two systems has been the same during this ramp-up period for the web site. **Effective 7 February 1998, this web site is EPA's central location for IRIS.** The PC-based IRIS2 system will not be updated after 2 February 1998. We made this change to improve the efficiency and flexibility of the system and speed our delivery of IRIS to you. This web site will be updated continuously as new information is produced for IRIS. Check this "Recent Additions" file frequently for new information.

Several improvements are effective today:

- [IRIS Search](#). The substance files have been converted from .dat to .html format, which allows use of the EPA server's Verity search engine. This allows you to search the entire IRIS data base for search words present in any of the files. The search engine will present a list of links to files that met your search criteria. Once you have opened an individual file, your browser's search engine (e.g., Netscape's "find in file" command under the "edit" menu) can be used to search within that file. By the end of February 1998, you will also have the ability to go from the top of a substance file directly to the RfD, RfC, and carcinogenicity sections. Other search improvements are underway and will be

announced here when available. **Searching may be unstable in early February while we fine-tune the new capabilities.**

- Substance file format conversion. Until now, the substance files were ASCII text files (.DAT format). Some users of Microsoft Internet Explorer and America Online had difficulty reading this format with their browser. All of the substance files are now converted to HTML (.htm format) files. We hope this will eliminate the problems some of our users were encountering.
- [Chlordane. The revised chlordane file is now loaded.](#) Note that the [companion Toxicological Review for chlordane \(PDF\)](#) (73 pages, 436 Kb) was loaded December 1997.
- Methylene diphenyl diisocyanates. The [revised MDI file](#) and [Toxicological Review \(PDF\)](#) (54 pages, 728 Kb) are now loaded.
- "Look and feel." We have enhanced the appearance of the IRIS Home Page and sought to improve navigation within the website.
- One-stroke download. We are working on a quick and easy way for you to download the data base to a hard disk drive for use in your local environment. This is particularly to help users in the field, on the road, and those with intermittent access to the Internet.
- Methyl methacrylate and Bentazon files and Toxicological Reviews are planned for loading later in February.

9 January 1998

IRIS Federal Register Notice of 2 January 1998

The Federal Register published the U.S. Environmental Protection Agency's document, "Integrated Risk Information System (IRIS); Announcement of 1998 Program; Request for Information." This notice provided: "Announcement of IRIS 1998 Program and request for scientific information on chronic health effects of substances." [The text of the notice is available through this link.](#)

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30 December 1997 -- IRIS Pilot Project Toxicological Review Document for Chlordane Available

A new [Toxicological Review Document for Chlordane; CASRN 12789-03-6\(PDF\)](#) (73 pages, 436 Kb) is now available online. This document was developed under the IRIS Pilot Project. An updated IRIS Summary file for the chemical will be loaded on or about 1 February 1998. The

[List of Substances on IRIS](#) is updated to show the availability of this additional Toxicological Review.

23 December 1997

There are no start-of-the-month file updates for January 1998.

3 December 1997

There are no start-of-the-month file updates for December 1997.

12 November 1997

There are no start-of-the-month file updates for November 1997.

20 October 1997

The information in the previous "IRIS News" page has been combined with this page, and the IRIS News is eliminated as a separate page.

3 October 1997

The summary file for [1,3,5-Trinitrobenzene; CASRN 99-35-4](#) was updated with a new oral reference dose based on the support document mentioned below. The references in the summary file for [Cumene](#) were updated. There are no other substance file updates for October 1997.

18 September 1997 A new [Support Document for 1,3,5-Trinitrobenzene; CASRN 99-35-4](#) is now available online as an Adobe Acrobat PDF file. An updated RfD summary for the chemical will be loaded in the Fall, 1997. The [List of Substances on IRIS](#) is updated to show the availability of the Support Document and the Toxicological Reviews.

8 September 1997 The updated IRIS Summary file for [Tributyltin oxide](#) is now available online. The updated file was developed under the IRIS Pilot Project. The file for [Nitrite; CASRN 14797-65-0](#) was updated to correct a concentration reference in Section I.A.2. There are no other substance file updates for September 1997.

Further details:

Oral RfD Replaced on IRIS:

Tributyltin oxide; CASRN 56-35-9 (RfD changed)

Inhalation RfC Added to IRIS:

Tributyltin oxide; CASRN 56-35-9 (RfD changed)

Carcinogenicity Assessment Added to IRIS:

Tributyltin oxide; CASRN 56-35-9 (RfD changed)

File Revised:

Nitrite; CASRN 14797-65-0

13 August 1997

The updated IRIS Summary file for [Cumene](#) is now available online. The updated file was developed under the IRIS Pilot Project. There are no other substance file updates for August 1997.

Further details:

Oral RfD Replaced on IRIS:

Cumene; CASRN 98-82-8 (RfD changed)

Inhalation RfC Added to IRIS:

Cumene; CASRN 98-82-8

Carcinogenicity Assessment Added to IRIS:

Cumene; CASRN 98-82-8

15 July 1997

IRIS Pilot Project Toxicological Review Documents for Cumene and Tributyltin Oxide (TBTO) Available

The first two toxicological review documents to be developed under the IRIS Pilot Project are available from the new [List of Available IRIS Toxicological Reviews page](#) for the substances Cumene and Tributyltin oxide (TBTO). The documents are available as Adobe Acrobat Portable Document Format (PDF) files. These toxicological reviews are the background documents for the upcoming new IRIS Summary files for Cumene (expected mid-August 1997) and TBTO (expected September 1997). The toxicological review documents will also be linked from the new IRIS Summary files when they go online.

The file for [1,2-Dibromoethane; CASRN 106-93-4](#) was updated to correct a multiplication factor in Section II.C.3. There are no other substance file updates for July 1997.

1 July 1997

Drinking Water Regulations and Health Advisories

Added a link on the IRIS page [Links to Other Sources of Environmental Health Information](#) to the US EPA Office of Water web page that provides [Drinking Water Regulations and Health Advisories \(PDF\)](#) (18 pages, 95 Kb) information.

26 June 1997

IRIS Pilot Project

EPA has a project underway to improve EPA's efficiency in developing information for IRIS, build Agency-wide consensus, and improve documentation for IRIS. The Pilot process is being tested on 11 chemical assessments. New or revised IRIS summaries and support documents called "Toxicological Reviews" are being developed for:

Arsenic
Bentazon
Beryllium
Chlordane
Chromium
Cumene
Methyl methacrylate
Methylene diphenyl diisocyanate [MDI]
Naphthalene
Tributyltin oxide
Vinyl chloride

New or revised assessment summaries for these substances will be made available on IRIS as they are completed during the Summer and Fall, 1997. Concurrently, Toxicological Reviews will be made available electronically on the IRIS web site.

23 June 1997

Scientific Assistance on the Hotline

A full time toxicologist was added to the Risk Information Hotline in June 1997 to assist users with chemical-specific questions pertaining to assessments listed in IRIS. The toxicologist will also answer questions pertaining to the [IRIS Background Documents](#) that describe the rationales and methods used by EPA to derive the information contained in IRIS. The toxicologist can be contacted by calling the U.S. EPA Risk Information Hotline at telephone 1-513-569-7254, or fax to 1-513-569-7159, or email to RIH.IRIS@epamail.epa.gov.

17 June 1997

A list of available EPA reference documents was added to the [IRIS Background Documents page](#).

5 June 1997

The file for [Polychlorinated biphenyls \(PCBs\); CASRN 1336-36-3](#) was updated to correct units in Section II.C.3. There are no other substance file updates for June 1997.

12 May 1997

There are no updates to any of the IRIS substance files for May. The list of substances was corrected to include 2,4-Dichlorophenol which had been inadvertently omitted from the list. The revised list links to files for 535 substances.

4 April 1997

The April 1997 monthly update was uploaded. 128 substance files were revised to eliminate obsolete status information. No changes made to scientific content. Revised acronyms and glossary files uploaded. IRIS News page added. As of 1 April 1997, the health advisories and regulatory actions have been removed from IRIS, since it was determined that the most definitive information is available directly from the appropriate EPA Program Office. Copies of the IRIS background documents that describe the rationale and methods used by EPA to derive the information contained in IRIS are available by contacting the U.S. EPA Risk Information Hotline at telephone 1-513-569-7254, or fax to 1-513-569-7159, or email to RIH.IRIS@epamail.epa.gov.

13 March 1997

Revised substance list to remove substances for which files are not available. The revised list links to files for 534 substances.

11 March 1997

New IRIS Home Page uploaded. Uploading of additional supporting files is ongoing.

10 March 1997

New IRIS chemical files uploaded, current as of 1 March 1997. **Regular, monthly uploads of updated files are planned.**

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