Accessibility Statement for CHEMnetBASE

1. Accessibility statement

This accessibility statement applies to CHEMnetBASE, and its databases:

- CHEMnetBASE - chemnetbase.com
- Combined Chemical Dictionary – ccd.chemnetbase.com
- CRC Handbook of Chemistry and Physics – hbcp.chemnetbase.com
- Dictionary of Drugs – dod.chemnetbase.com
- Dictionary of Food Compounds – dfc.chemnetbase.com
- Dictionary of Marine Natural Products – dmnp.chemnetbase.com
- Dictionary of Natural Products – dnp.chemnetbase.com
- Dictionary of Organic Compounds – doc.chemnetbase.com
- Polymers: A Property A Database – poly.chemnetbase.com
- Properties of Organic Compounds – poc.chemnetbase.com

These sites are run by Taylor & Francis Group. We want as many people as possible to be able to use these sites.

For example, that means you should be able to:

- change colours, contrast levels and fonts using browser or device settings,
- zoom in up to 400% without the text spilling off the screen,
- navigate most of the website using a keyboard or speech recognition software,
- engage with most of the website using a screen reader.

Selecting the Accessibility icon in the webpage footer, will direct you to information on how to navigate the site using a keyboard.

Within the CRC Handbook there are a number of PDFs within the archive, and also the current edition. All current edition PDFs are available to read online with a screen reader within your browser window.

Taylor & Francis Group is committed to making its websites accessible, in accordance with the Web Content Accessibility Guidelines (WCAG) 2.1 AA Standard and adhering to:

- Section 508 Standards of the U.S. Rehabilitation Act
- American's with Disabilities Act, Title II
- EN 301 549 – European Union Accessibility requirements suitable for public procurement of ICT products and services in Europe
- European Accessibility Act (28 June 2025)

2. Compliance status

These websites are partially compliant with the Web Content Accessibility Guidelines version 2.1 AA standard, due to the non-compliances listed below.

Every effort has been made to make these sites as accessible to people with disabilities. Accessibility features have been included on almost all aspects of the sites. However, it is not possible to make the drawing of chemical structures fully accessible to people with motor or visual impairments. Also, it is not possible to describe these structures with text.

3. Non-accessible content

The content listed below is non-accessible for the following reason(s):

Non-compliance with the accessibility regulations

The non-compliances apply to CHEMnetBASE, and all its databases, unless otherwise stated. Solutions to the required fixes are being investigated, which includes new molecular sketching software with greater accessibility options.

Chemical structure drawing software is provided on the site for drawing and viewing chemical structures. This is only a small part of the site as a whole, and the site can be operated without using this, but due to the nature of drawing and viewing chemical structures, disability access to this functionality is very limited.

WCAG 2.1 A and AA Standards

All non-chemical structure images are described. It is not possible to provide a description on a chemical structure diagram.

CRC Handbook of Chemistry and Physics (hbcp.chemnetbase.com) only: some of the very old documents in the archive section were not available as digital text

and so have been included as images. These will not be readable by a screen reader.

- This partially supports WCAG 2.1 A Standard success criterion 1.1.1 (Non-text Content).

Chemical structure drawing requires mouse control and is impossible to be done using the keyboard.

- This partially supports WCAG 2.1 A Standard success criterion 2.1.1 (Keyboard).

Chemical structure drawing cannot support pointer activity.

- This partially supports WCAG 2.1 A Standard success criterion 2.5.2 and 2.5.3 (Pointer Gestures and Cancellation).

Cannot support screen sizes of 320 x 256 pixels. Functionality cannot be presented on screens of this size.

- This does not support WCAG 2.1 AA Standard success criterion 1.4.10 (Reflow).

Focus elements are highlighted or underlined. Tooltips provided on many components.

- This partially supports WCAG 2.1 AA Standard success criterion 1.4.13 (Content on Hover or Focus).

Other success criteria partially supported by WCAG 21. AA Standard:

- 1.3.5 (Identify Input Purpose).
- 1.4.3 (Contrast Minimum).
- 1.4.12 (Text Spacing).

Other success criterion not supported by WCAG 21. AA Standard:

- 4.1.3 (Status Messages).

Section 508 and EN 301 549 Standards

It is not possible for users without vision to describe/view chemical structures with text.

CRC Handbook of Chemistry and Physics: some of the very old documents in the archive section were not available as digital text and so have been included as images. These will not be readable by a screen reader.

- This does not support Section 508 success criterion 302.1 (Without Vision).
- This does not support EN 301 549 Standards success criterion 4.2.1 (Usage Without Vision).

Those with limited motor skills will find the drawing of chemical structures a challenge, however all other parts of the site allow keyboard operation.

- This partially supports Section 508 success criterion 302.7 and 302.8 (With Limited Manipulation, and With Limited Reach and Strength).
- This partially supports EN 301 549 Standards success criterion 4.2.7 and 4.2.8 (Usage with Limited Manipulation or Strength, and Usage with Limited Reach).

By its nature the site consists of complex information which is difficult to present in a simpler format.

- This does not support Section 508 success criterion 302.9 (With Limited Language, Cognitive, and Learning Abilities).
- This does not support EN 301 549 Standards success criterion 4.2.10 (Usage with Limited Cognition, Language or Learning).

Other success criterion that does not support Section 508 Standard:

- 603.3 (Accommodation of Communication Needs).

Other success criterion that does not support EN 301 549 Standard:

- 12.2.3 (Effective Communication).

Content that's not within the scope of accessibility regulations

PDFs and other documents

The accessibility regulations do not require us to fix PDFs or other documents published before 23 September 2018 if they're not essential to providing our services. Learn about our Request Service.

What we're doing to improve accessibility

We carry out a thorough platform accessibility audit on an annual basis. We run User Acceptance Testing (UAT) before deployment of new or changed features and functionality.

4. Preparation of this accessibility statement

This statement was prepared on 14 August 2024

It was last reviewed on 14 August 2024.

The sites were last tested in July 2024 against the Web Content Accessibility Guidelines (WCAG) version 2.1 AA standard.

The test was carried out by Taylor & Francis. A selection of pages representative of the product was comprehensively tested. We use a combination of manual testing and automated tools to test for accessibility, such as:

- WCAG Accessibility Audit Developer
- NVDA Speech Viewer

Read the full Accessibility Conformance Reports (ACRs):

- CHEMnetBASE – ACR July 2024
- Combined Chemical Dictionary – ACR July 2024
- CRC Handbook of Chemistry and Physics – ACR July 2024
- Dictionary of Drugs – ACR August 2024
- Dictionary of Food Compounds – ACR July 2024
- Dictionary of Marine Natural Products – ACR July 2024
- Dictionary of Natural Products – ACR July 2024
- Dictionary of Organic Compounds – ACR July 2024
- Polymers: A Property A Database – ACR July 2024
- Properties of Organic Compounds – ACR July 2024

5. Feedback and contact information

Contact us

If you find any problems not listed in this statement, or think we're not meeting accessibility requirements for CHEMnetBASE and its databases, please email our

Help Center at support@taylorfrancis.com or select the Contact Us icon in the footer of the webpage.

Request service

When a work is unavailable for purchase in a suitable format, we endeavour to provide one within three working days. Institutions and individuals can place their request via our Academic VIP (Visually Impaired Persons) Team.

Book requests form

Journal requests form

AcademicVIPRequests@informa.com

General information

If you would like more general information or help with web-accessibility we recommend the BBC Accessibility Help page.

AbilityNet has advice on making your device easier to use if you have a disability.

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