



US Portal Release Notes

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US Portal Release Notes

Version: v9.0.0

Release Date: July 18, 2025

New Feature: HazID – GHS to Code-Based Hazard Class Conversion

Subscription Level: All

We've released Phase 1 of the new HazID tool in HMEEx. HazID helps you classify materials when they aren't already in the HMEEx database by using hazard information from a product's Safety Data Sheet (SDS).

What it does:

- Lets you enter hazard classes based on GHS (Rev 7) and OSHA's 2025 HazCom Standard
- Matches the input to corresponding hazard classes in the 2018, 2021, and 2024 IFC/IBC and NFPA 400
- Prompts you when extra material property data is needed to classify accurately
- Applies conservative classifications if required data isn't provided
- Lets you identify Hazards Not Otherwise Classified (HNOC) or other GHS-covered hazards that could still trigger an IFC or NFPA classification
- Retains a list of user-classified chemicals and saves product details including, an uploaded SDS or a URL link to the SDS.

View the results by downloading the HazID Hazard Class Report.

Version: v8.5.0

Release Date: May 30, 2025

Enhanced:

Subscription Level: Advanced

1. HMIS Excel template updates to validate data prior to upload. These changes
 - a. significantly improve the upload speed of chemical inventory data
 - b. notify users of specific data entries that could not be validated

Version: v8.1.0

Release Date: February 20, 2025

Enhanced:

Subscription Level: Advanced

2. New optional fields are added to the HMIS Excel template for Product ID, Date Requested, Date Added, SKU number, and SDS URL link. If included, these values will reflect on the HMIS Entry Details page, and on the downloaded Excel HMIS.
3. The Hazardous Production Material (HPM) field is updated so a Yes or No value will only display when NFPA 704 field values are present. Previously, if NFPA values were not present, a "No" value was displayed.

4. HMIS Template is updated to simplify cutting and pasting entries from a downloaded Excel HMIS to a new HMIS template.
5. An Information sheet has been added to the HMIS template, to provide information and instructions on each template field.
6. An update was made to automatically delete HMIS Upload History records older than 90 days. This feature is intended to help users correct HMIS Excel template upload errors, so retention beyond 90 days is not warranted.

Version: v8.0.0

Release Date: July 19, 2024

Enhanced:

1. Subscription level impacted: All

A major change to the Chemical Search user interface was made to enhance user experience, improve loading speed, consolidate information to allow for additional chemical and physical properties, hazard class information for the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) and additional Federal Regulatory Program Information, like CFATS. Notable changes include:

- A 'More Info' button was added near the top of the Chemical Details page that allows users to toggle the Information 'i' icons on and off. The information icons are used to readily access information about the specific term or field from the HMEEx Knowledge Center.
- Additional fields under Identification have been added, including, UN/NA number, EC number, ERG Guide number. Also, when available, a link to the International Chemical Safety Card (ICSC) is provided. International Safety Cards are prepared by an international group of experts on behalf of the ILO and WHO. These ICSCs offer general information about chemicals.
- A new Section for GHS Classifications has been added. When the data becomes available, the Chemical Details page will display the GHS classifications for each material.
- Federal Regulatory Program information has been segmented into tables to display agency specific programs and program information for the CFATS program which is no longer being enforced.
- The compatibility feature has been modified to make the search easier and better highlight the consequences of the materials coming into contact.
- The print feature is enhanced to consolidate and display Chemical details more concisely.

Version: v.7.1.0

Release Date: April 2, 2024

Bug fix:

1. Subscription level impacted: Advanced

What was happening: For the H-occupancy Inventory type, user-classified gases with hazard classes of UR, WR, or PYR, unstable (reactive), water-reactive, and pyrophoric, respectively, the HMIS Summary Report allowed liquefied and gaseous quantities to be combined when all units were not cuft@NTP. Now: The Summary Report will fail, alerting users that, regardless of gas type, only cuft@NTP is valid for these user-classified gases.

2. Subscription level impacted: Advanced

What was happening: When a user modified an NFPA hazard rating for an HMEEx-classified material, the HMEEx field on the HMIS did not update from 'Yes' to 'No' to properly indicate whether HMEEx or the user assigned the hazard classes and NFPA 704 hazard ratings.

Now: Any modification to the NFPA 704 hazard ratings will cause the HMEEx field to update from 'Yes' to 'No'.

Version: v.7.0.0

Release Date: March 18, 2024

Enhanced:

1. Subscription Level impacted: All

We have added an option to select a code edition under the IFC/IBC Hazard Class Section on the Chemical Details page for Chemical Search. New hazard class categories for flammable gases have been introduced in the 2024 I-codes, so the hazard class now depends on the code edition.

2. Subscription Level Impacted: All

On-screen notifications will now display on a user's homepage if the license expiration date is within 30 days.

3. Subscription Level Impacted: Advanced

For HMIS, we added an option to evaluate chemical inventories using the 2024 code edition. If this edition is selected, HMEEx will display the 2024 IFC/IBC hazard classes on the HMIS. This is significant because the 2024 I-codes include new, expanded categories for flammable gases.

4. Subscription Level Impacted: Advanced

For the HMIS Summary Report: We added a 2024 code option when creating a new HMIS', so the corresponding HMIS Summary Report now reflects the expanded 2024 flammable gas categories.

5. Subscription Level Impacted: Advanced

For HMIS Summary Report: Inventory quantities and MAQs for liquefied gases will now be displayed in the Gas Column rather than the Liquid Column. This change impacts new and existing inventories. If you create a new inventory or modify an existing inventory, this update will automatically take effect. However, users must hit the 'Recalculate' button to apply this update on existing inventories that have not been modified before generating a new Summary Report.

6. Subscription Level Impacted: Advanced

We have added on-screen notifications to alert users when an HMIS Excel upload is being processed, completed with errors, and completed without errors. If errors are noted (i.e., some chemical entries failed to upload), users can now easily link to the Upload History page to investigate and correct any issues.

Bug fix:

7. Subscription Level Impacted: Advanced

What happened: For Outdoor Control Area inventories, highly toxic gaseous compressed gas cabinet quantities did not display red as expected on the Summary Report when Table 5003.1.1(4) footnote b was violated.

Version: v6.3.0

Release Date: Oct 16, 2023

Enhancements:

1. Subscription Level Impacted: Advanced

We added a more visible message to notify users on the HMIS Details page when an HMIS excel template upload is in progress, completed with errors and completed without errors. This replaces the fixed message that appeared at the top of the HMIS only when a file import was in progress.

2. Subscription Level Impacted: Advanced

Functionality is added to the HMIS excel upload feature so duplicate chemical entries will not be accepted for materials without a CAS number. Supplemental fields that make a chemical entry unique are location, container type, workstation ID, and responsible party.

3. Subscription Level Impacted: Advanced

Validation added to the Excel template to prevent users from adding material quantities exceeding 10 characters, including digits and decimal.

Version: v6.2.0

Release Date: Sept 13, 2023

Enhancement:

1. Subscription Level Impacted: All

Microsoft Entra ID secure login enabled.

Version: v6.1.0

Release Date: Aug 18, 2023

Security Update:

1. Subscription Level Impacted: All

Version: v6.0.0

Release Date: Aug 8, 2023

Security Update:

1. Subscription Level Impacted: All

We implemented Entra ID (Azure Active Directory) as the primary sign in and user authentication method.

Version: v5.2.0

Release Date: Aug 3, 2023

Security Update:

1. Subscription Level Impacted: All

We've implemented a security enhancement that further fortifies our application against potential vulnerability.

Fixed:

2. Subscription Level Impacted: Advanced

We updated the method of calculating the Indoor control area MAQ for floor levels above the first floor to address a discrepancy that allowed an increase in the MAQ where footnotes d and e apply and the quantity outside of 'approved cabinets' fell between 50 percent of the floor level reduced MAQ and 50 percent of the original MAQ. In these cases, the Summary Report reflected a red flag violation of the cabinet quantity, indicating not enough is confined to cabinets, but continued to allow the MAQ increase. The new approach resolves this discrepancy by ensuring that where the cabinet quantity violates requirements, the MAQ will not increase.

3. Subscription Level Impacted: Advanced

We identified and corrected a bug causing the Indoor control area MAQ for Class 4 oxidizing solids in storage to fail to display in the Summary Report.

Version: v5.1.1

Release Date: July 28, 2023

Improved:

1. Subscription Level Impacted: Advanced

From time to time, we update and add validations to the HMIS template to improve user experience and import success rate. The download HMIS Template button on the HMIS Details page now includes a version number for the Excel template. We also added a version number to the downloaded template so users can confirm that they are using the most updated template for import.

Version: v5.1.0

Release Date: June 4, 2023

Improved:

1. Subscription Level Impacted: All

We improved that way that users view the license assigned to them and the way Account Administrators manage their own license. On the Profile Page we created a new field, Manage My License, and a button below that displays the license assigned. If no license is assigned, the button reads No License. If Account Administrator rights are assigned, the button is interactive and displays orange, otherwise the button is blue. When Account Administrators select the button, their User Details page opens and they can detach their license, or search for and select a license to assign under the My Subscription field. This update improves functionality and increases security.

2. Subscription Level Impacted: Advanced

We eliminated the dropdown options under the Container Type field and converted this field to a free-form text field. This adds flexibility to users and increases the ways users can enter a duplicate chemical as a unique entry.

New:

3. Subscription Level Impacted: Advanced

Advanced users now have an option to designate an HMIS as Inactive and toggle between Active and Inactive HMISs. This minimizes the number of HMIS a user needs to sort through to locate the HMIS of interest.

Security Enhancement:

4. Subscription Level Impacted: All

Enhanced the features of the Excel HMIS template to prevent upload of malicious scripts.

Version: v4.8.0

Release date: December 30, 2022

Fixed:

1. Subscription Level Impacted: Advanced

What was happening: Corrosive Gas MAQ values were displaying red even though MAQ was not exceeded for Indoor Control Area Inventory Type.

Improved:

2. Subscription Level Impacted: Advanced

Added Excel template validation that automatically deletes Gas Type value if user modifies Physical State from gas to liquid or solid.

Improved:

3. Subscription Level Impacted: Advanced

Added Excel template validations (macros) that allow duplicate chemical entries to upload provided one of the following fields is unique: container type, workstation ID, location, responsible party.

Improved:

4. Subscription Level Impacted: Advanced

Added Excel template validation that prevents user from entering an invalid concentration value (e.g., numerical range or character other than a number, decimal point or 'mixture').

Improved:

5. Subscription Level Impacted: Advanced

Added Excel template validation that prevents user from entering an open use quantity when the Physical State is a Gas.

Improved:

6. Subscription Level Impacted: Advanced

Enabled active and expired licenses to be visible under My Subscriptions Tab, but only active licenses will be visible when searching for licenses to assign.

Improved:

7. Subscription Level Impacted: Advanced

Modified Group H Occupancy Hazard Class Summary Report to clarify that detonable Class 3 Unstable (reactive) materials (UR3D) are subject to Indoor Control area MAQs and Non-detonable Class 3 Unstable (reactive) (UR3ND) are subject to detached building quantity thresholds.

Improved:

8. Subscription Level Impacted: All

Minor updates to My Subscription and Purchase History screens.

Data Update:

9. Subscription Level Impacted: All

Updated NFPA 704 hazard ratings based on ISO 100298:2018.

Security Improvement:

10. Subscription Level Impacted: All

Version: v4.7.0

Release date: November 25, 2022

Improved:

1. Subscription Level Impacted: Advanced

Updated the pop-up message displayed when the Summary Report fails to run by adding a new item 2 alerting users that at least one of the chemicals in the inventory must have a hazard class assigned.

Fixed:

2. Subscription Level Impacted: Advanced

What was happening: When physical state changed from gas to liquid or solid on Edit Chem Entry page, the gas type field did not reset to blank.

Fixed:

3. Subscription Level Impacted: Advanced

What was happening: Some Advanced users on EU Portal were not receiving the "HMIS Corrections Needed" email when there were errors in the uploaded Excel template.

Fixed:

4. Subscription Level Impacted: **Advanced**

What was happening: Corrected page break issue on Chemical Detail print function.

Version: v4.6.0

Release date: August 24, 2022

Fixed:

1. Subscription Level Impacted: **All**

What was happening: Chemical Details page failed to print.

New Feature:

2. Subscription Level Impacted: **Advanced**

For Indoor Control Area inventories, a new field is available that allows users to create a unique name for each control area. Previously only the designators CA1, CA2, CA3 and CA4 were allowed.

Improved:

3. Subscription Levels Impacted: **Advanced**

Data Security Enhancement:

4. Subscription Level Impacted: **Advanced**

Updated to reinforce data security for HMIS and HMIS Summary report data.

Version: v4.5.0

Release date: June 20, 2022

Fixed:

1. Subscription Level Impacted: **Advanced**

What was happening: Quantities of liquefied gases entered in cf @ NTP failed to convert to pounds and caused the Hazard Class Summary Report to fail.

2. Subscription Level Impacted: **Advanced**

What was happening: Liquefied gases that included PYR, UR and WR hazard classes in addition to other hazard classes, would not properly convert units to both pounds and cf @ NTP simultaneously, causing the Hazard Class Summary Report to fail.

3. Subscription Level Impacted: **Advanced**

What was happening: The actual quantities of WR2 and WR3 gases failed to properly display on the Hazard Class Summary Report for Group H Occupancy inventories.

4. Subscription Level Impacted: **Advanced**

What was happening: Deleted eight inactive chemicals from the database that if selected by the user on the Excel upload file, caused an unintended duplicate entry for the material in the inventory.

Data Security Enhancement:

5. Subscription Level Impacted: **All**

Removed the My Subscription field available in a user's Profile.

Improved:

6. Subscription Levels Impacted: **All Users**

Updated the Get Started Guide to

- explain how to properly include aerosols in an inventory
- clarify how to add user-classified liquefied gases that have PYR, UR and WR hazard classes in addition to other hazard classes assigned
- update Attachment C - Valid & Default Units table to reflect the unit conversion updates for liquefied gases.

What we're working on

- Functionality that allows users to select 2021 edition of the codes. The 2021 edition of the code will align hazard class definitions and maximum allowable quantity tables with 2021 edition of the International Fire and Building codes.

Version: v4.4.0

Release date: January 11, 2022

Fixed:

1. Subscription Level Impacted: **Advanced**

- a. **What was happening:** The closed-use maximum allowable quantity (MAQ) for Class 3 Unstable (reactive) and Pyrophoric gases did not display red when the MAQ was exceeded.

2. Subscription Level Impacted: **Advanced**

- a. **What was happening:** The closed-use maximum allowable quantity (MAQ) for Class 3 Unstable (reactive), Pyrophoric and Oxidizing (Gaseous) gases displayed in parens, thus reflecting incorrect units.

3. Subscription Level Impacted: **Advanced**

- a. **What was happening:** The actual maximum quantity for Oxidizing (Gaseous) compressed gases did not turn red as expected when the maximum allowable quantity (MAQ) was exceeded.

4. Subscription Level Impacted: Advanced

- a. **What happened:** When editing inventory data, the chemical lookup field remained blank for 90 database chemicals. This caused the system to consider these materials user-classified, which resulted in validation rules only allowing default units to be entered for those materials.

Improved:

5. Subscription Levels Impacted: All Users

- a. The login security code email sender was changed to improve delivery time. Two-factor authentication login reinstated for all users.

6. Subscription Level Impacted: Advanced

- a. Updated Get Started Guide to: 1) clarify how HMEx implements Table 5003.1.1(1) thru Table 5003.1.1(4) footnote 'e' - the maximum allowable quantity cabinet quantity increase; 2) clarify how to assign a renewed license.

What we're working on

7. Subscription Level: Advanced

What is happening: For liquefied compressed gases, quantities expressed as cu ft at NTP units do not convert to pounds, and the Summary Report fails. As a result, valid units for HMEx-classified liquefied compressed gases are limited to pounds and gallons.