

IC2 Chemical Hazard Assessment Database (CHAD)

<https://www.theic2.org/hazard-assessment-database/>

Note: Green is highest priority upgrades

What has worked well?

Having a place to post publicly available chemical hazard assessments.

What does the group wished worked differently?

- The ability to query by function.
- When a chemical is selected, recommend the content displayed (on the result page) is:
 - chemical detail-just the name and CAS
 - GreenScreen summary score (with link to the full assessment)
 - GreenScreen Summary Score and comments including when it was assessed/expires
 - Links to Environmental Transformation Products (at least what is on the GS)(Lower priority)
- Bigger windows or a different interface to view the available assessments
- Have a link to submit/upload assessments

What is outdated and can be removed?

- GreenScreen List Translators
- QCATs

What search queries/features should be added (for example - function of the chemical)?

- Ability to select and search by chemical function
- Ability to select Chemical by CAS (name visible) - currently available
- Ability to select chemicals summary score - currently available
- Ability to search by CAS or chemical name
- Have the most recent assessment date visible on the table of chemicals

Any other capabilities that they would like the database to have?

- The database allows you to search multiple benchmark score chemicals at once but just a list with the chemical and CAS pops up. It would be nice to have another column with the benchmark score itself. I see this useful specially if the function category is added.

Additional notes:

- Need to update the initial info on the page.
- Need to update the disclaimer.
- "Back to knowledgebase" link in the result page can be confusing and is completely unnecessary. Back to previous page would instead be helpful but really not necessary.
- I sort of like how now it is all just a list so you can ctrl+f to find the chemical. I guess that gets less viable when there are more chemicals but it is easier than having to put it in a search bar.

- Suggest that this is mentioned at the top of the page as an option on how to search for CAS and name

Additional concerns brought about at the group meeting:

Bigger Box: Query regarding the presence of white space for green screens.

Search Functionality: Priority on enabling search by function and CAS number, identified as the two most important priorities.

Enhanced Search Options: Desire to search by CAS name, function, and benchmark score simultaneously, with the ability to select multiple functions for search.

Data Presentation: Preference for displaying chemical name, CAS number, benchmark score, and function together for improved clarity.

Database Integration: Wants to integrate various databases used and extract relevant functions. Question: Which databases should be considered for this integration?

Add a disclaimer: State where did we pull info from and if you have an alternative database that you use let us know

Additional Wants:

Delete Alternative Chemical Names space from current website. Delete the hoverboard key from current website for accessibility reasons

Other concerns:

Would function info be pulled from the GS assessments? We would want to add synonyms

Some is also information pulled from other websites with a decent amount of overlap in the greenscreen itself....talk to CPA.