Sheet Name

All sheets have areas that do not require user input protected. If this ever needs to be changed the steps to re-protect sheets or certain areas of a sheet are [here](https://support.microsoft.com/en-us/office/lock-or-unlock-specific-areas-of-a-protected-worksheet-75481b72-db8a-4267-8c43-042a5f2cd93a).

Chemicals

* This sheet acts as the “database” for the other sheets to be able to perform their specific search functions and it is important this sheet is not modified unless done so to make a correction, add data, or remove data, by someone with the proper authority and knowledge of how the excel workbook functions.
* Currently working on a way for this sheet to automatically be updated in the correct format in a user-friendly way without requiring direct access.

Search By Chemical

* This sheet allows the user to input a chemical and get a rating for every material in the “database” along with the main source.
* The user should only modify the green cells when attempting a search.
* When clicking a green cell,
  + A search can be made by typing in a chemical which will auto populate a list of the 10 closest matches in the “database” based on the letters currently typed and clicking enter will search the top match or the user can type the full chemical and hit enter.
    - If there is no value in the “database” the white column and corresponding row will populate “Chemical not found” and the purple section will be empty.
  + A search can also be made by clicking on a green cell then clicking on the white box with a downward arrow to the right of the cell. This gives an alphabetical list of every chemical in the “database” which can then be clicked on.
  + A successful search will populate the corresponding row with the white column repeating the searched chemical and purple section populating with the ratings and sources.
* Currently working on a way for this sheet to automatically expand and update when new data is provided in the “database”

Search By Chemical + Material

* This sheet allows the user to input a chemical and a material and get a rating for that combination in the “database” along with the main source.
* The user should only modify the green and orange cells when attempting a search.
* When clicking a green cell in the chemical column,
  + A chemical search can be made by typing in a chemical which will auto populate a list of the 10 closest matches in the “database” based on the letters currently typed and clicking enter will search the top match or the user can type the full chemical and hit enter.
  + A search can also be made by clicking on a green cell then clicking on the white box with a downward arrow to the right of the cell. This gives an alphabetical list of every chemical in the “database” which can then be clicked on.
* When clicking an orange cell in the material column,
  + A material search can be made by typing in a material which will auto populate a list of the 10 closest matches in the “database” based on the letters currently typed and clicking enter will search the top match or the user can type the full material and hit enter.
  + A search can also be made by clicking on an orange cell then clicking on the white box with a downward arrow to the right of the cell. This gives an alphabetical list of every material in the “database” which can then be clicked on.
* After inputting a valid chemical in the green cell and a valid material in the orange cell within the same row, a rating along with its source wil appear in the purple cell in the same row.