

DOES MY CHEMTRACKER INVENTORY CONTAIN HIGH HAZARD CHEMICALS?

If you are interested in finding out whether the chemicals in your ChemTracker inventory are considered high hazards, such as explosives, pyrophorics, carcinogens, etc., follow the steps below.

1. In the ChemTracker tab, go to the Chemical Hazards search field and select hazard(s) of interest from the drop-down menu. Click the “Submit” button. Common hazard categories include:

1.1 – 1.6 Forbidden in transportation (explosive)

8 Corrosive

17 Pyrophoric

18 Oxidizer

20 Water Reactive

25 Carcinogen

71 Peroxide Forming Material

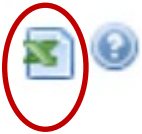
72 Teratogen

Chemical Hazards:
-- Select Hazards(s) --

- 1 Forbidden in transportation
- 1.1 Explosive, Mass explosion (main hazard)
- 1.2 Explosive, Projectiles (main hazard)
- 1.3 Explosive, Minor blast (main hazard)
- 1.4 Explosive, No significant hazard (main hazard)
- 1.5 Blasting agent (main hazard)
- 1.6 Explosive, Extremely insensitive (main hazard)
- 2.1 Flammable gas (main hazard)
- 2.2 Non-Flammable, Non-Toxic Gas (main hazard)
- 2.3 Toxic Gas (main hazard)
- 3 Flammable liquid (main hazard)
- 4.1 Flammable solid (main hazard)
- 4.2 Spontaneously Combustible (main hazard)
- 4.3 Water Reactive flammable (main hazard)

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2. Use the Excel button at the top to export any records for analysis and/or sharing with lab group members.



3. If your lab has any chemical hazards, check to make sure they are represented in your lab's Hazards List.



4. Speak with your LSC or PI about any hazards that are missing. Any new hazards that are checked off will require recertification of the Hazards List by your PI.

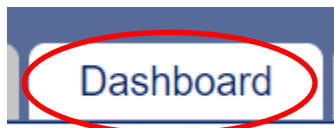
Chemical:

- Any hazardous chemicals ⓘ
- Carcinogens ⓘ
- Corrosive liquids ⓘ
- Engineered nanomaterials ⓘ
- Environmental hazards ⓘ
- Flammable chemicals ⓘ
- Generates hazardous waste ⓘ
- Hazardous compressed gases ⓘ
- Hazardous drugs ⓘ
- Highly toxic chemicals ⓘ
 - Anhydrous hydrogen fluoride gas ⓘ
 - Highly toxic liquids and/or solids ⓘ
 - Hydrofluoric acid solutions ⓘ
 - Mercury ⓘ
- Irritants ⓘ
- Reactive chemicals ⓘ
 - Explosive compounds ⓘ
 - Perchloric acid ⓘ
 - Peroxide formers ⓘ
 - Piranha solution ⓘ
 - Pyrophoric chemicals ⓘ
 - Strong oxidizers ⓘ
 - Water-reactive chemicals ⓘ

WHAT DOES MY HAZARD LIST IN BIORAFT MEAN?

If you are curious about the chemicals represented by the hazards in your BIORAFT Hazards List, follow the steps below.

1. Click “Dashboard” in BioRAFT and scroll down to “Hazard Summary.”



Hazard Summary

- Biological
 - Animal blood, body fluids, and/or tissues
 - Non-primate blood, body fluids, and/or tissues
- Chemical
 - Any hazardous chemicals
 - Carcinogens
 - Corrosive liquids
 - Environmental hazards
 - Flammable chemicals
 - Generates hazardous waste
 - Hazardous drugs
 - Highly toxic chemicals
 - Highly toxic liquids and/or solids
 - Hydrofluoric acid solutions
 - Irritants
 - Reactive chemicals
 - Strong oxidizers
 - Water-reactive chemicals
 - Regulated chemicals
 - Drug Enforcement Agency controlled or regulated substances
 - Teratogens and/or reproductive hazards

2. Make note of your lab’s hazards.

3. In the ChemTracker tab, go to the Chemical Hazards search field. Select hazard(s) represented in your Hazards List from the drop-down menu. Click the “Submit” button. Common hazard categories include:

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1.1 – 1.6 Forbidden in transportation (explosive)

8 Corrosive

17 Pyrophoric

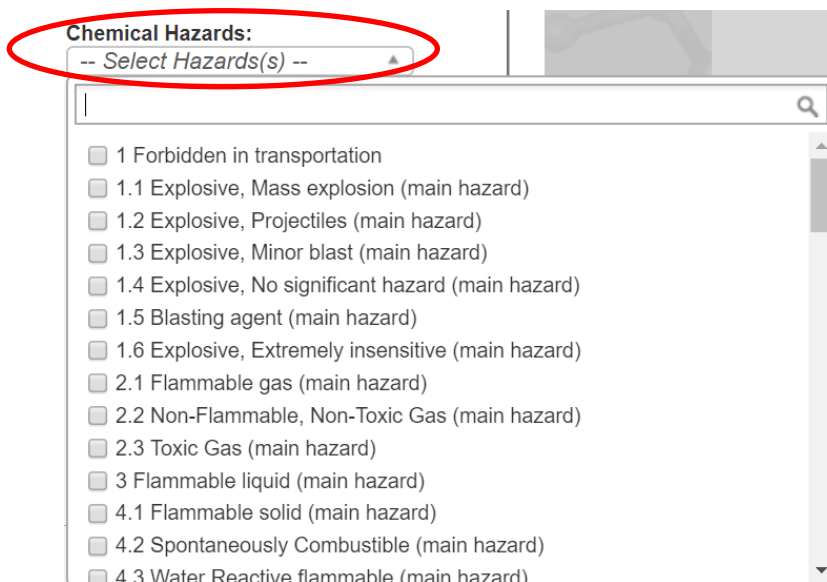
18 Oxidizer

20 Water Reactive

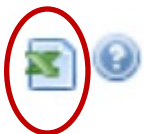
25 Carcinogen

71 Peroxide Forming Material

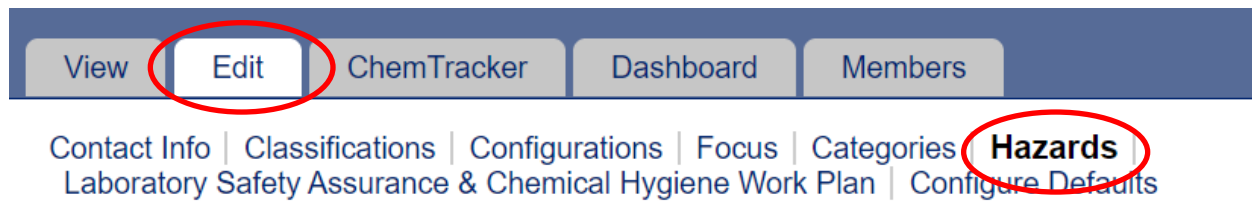
72 Teratogen



4. Use the Excel button at the top to export any records for analysis and/or sharing with lab group members.



5. If your search does not yield results for a hazard represented in your lab's Hazards List, ask your LSC or PI to uncheck the hazard in your lab group's Hazards List. This will prompt recertification of the Hazards List by your PI.

**Chemical:**

- Any hazardous chemicals
- Carcinogens
- Corrosive liquids
- Engineered nanomaterials
- Environmental hazards
- Flammable chemicals
- Generates hazardous waste
- Hazardous compressed gases
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