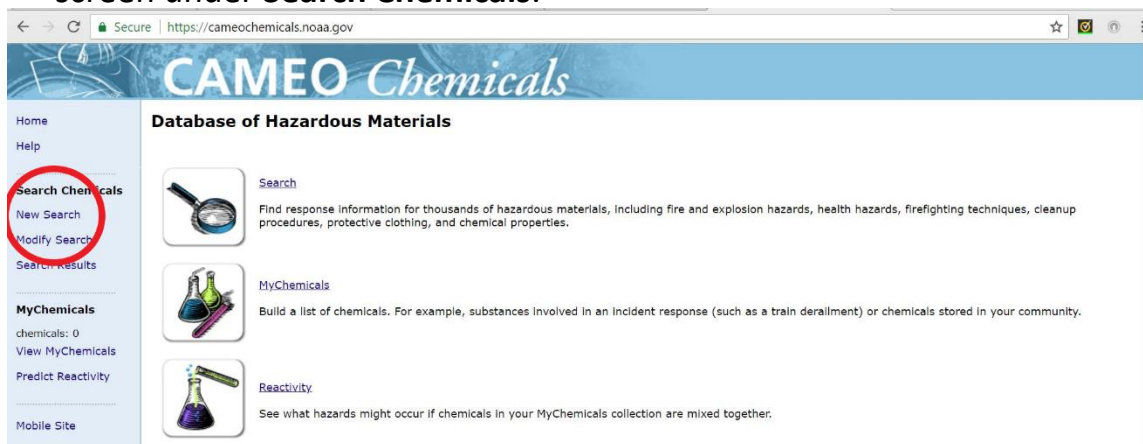


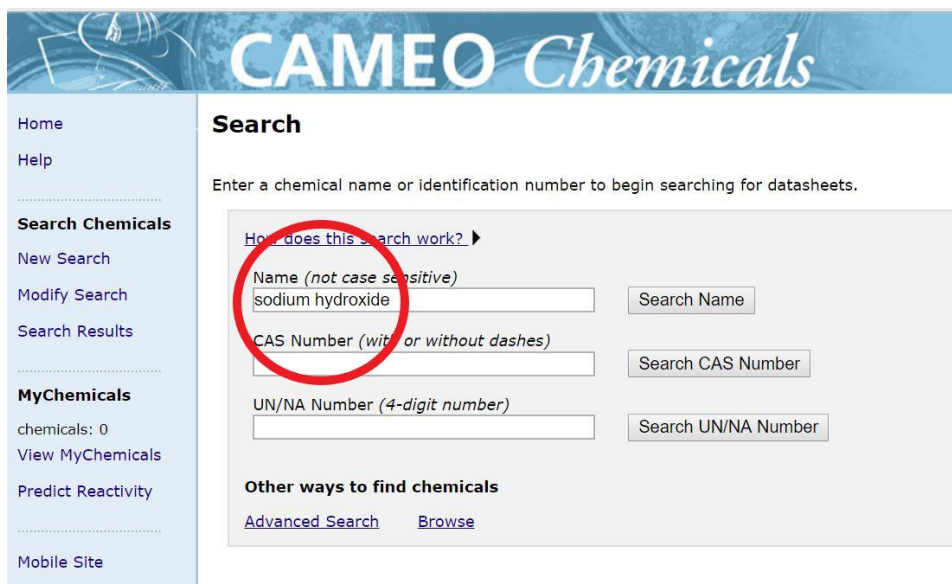
NFPA labels for different chemicals can be accessed through the CAMEO Chemical website. Below are steps for accessing this information in order to fill out the NFPA diamond.

### Accessing CAMEO Chemical

1. Type in: [www.cameochemicals.noaa.gov](https://cameochemicals.noaa.gov)
2. When the screen first appears, go to **New Search** on the left hand side of the screen under **Search Chemicals**.



3. Search the name of the chemical you wish to find.  
Example: Sodium Hydroxide



- Look through the search results to find your chemical and click **View Datasheet**.

**MyChemicals**

chemicals: 0  
[View MyChemicals](#)  
[Predict Reactivity](#)

Mobile Site

Download on the App Store  
 GET IT ON Google Play

**DOT Hazard Label:** Corrosive **ERPG-3:** 50 mg/m3  
**CAS Number:** 1310-73-2  
**UN/NA Number:** 1824  
*This chemical is also known as:*

- SODIUM HYDROXIDE SOLUTION
- SODIUM HYDROXIDE
- SODIUM HYDROXIDE (LYE)
- SODIUM HYDROXIDE, SOLUTION
- SODIUM HYDROXIDE, [LIQUID]

[View Datasheet](#) [Add to MyChemicals](#)

---

**SODIUM HYDROXIDE, SOLID**  
 A white solid. Corrosive to metals and tissue. Used in chemical manufacturing, petroleum refin...

**DOT Hazard Label:** Corrosive **ERPG-3:** 50 mg/m3  
**CAS Number:** 1310-73-2  
**UN/NA Number:** 1823  
*This chemical is also known as:*

- SODIUM HYDROXIDE, SOLID
- SODIUM HYDROXIDE
- SODIUM HYDROXIDE (LYE)
- SODIUM HYDROXIDE, [DRY SOLID, FLAKE, BEAD, OR GRANULAR]

[View Datasheet](#) [Add to MyChemicals](#)

---

**SODIUM HYDROXIDE, CRESOL, XYLENOL**  
 An amber, brown or black liquid with an unpleasant odor. From the neutralization of cresols and...

**DOT Hazard Label:** Corrosive, Poison **ERPG-3:** 50 mg/m3  
**CAS Number:** 1310-73-2, 1319-77-3, 1300-71-6  
**UN/NA Number:** 2922  
*This chemical is also known as:*


- SODIUM HYDROXIDE, CRESOL, XYLENOL

[View Datasheet](#) [Add to MyChemicals](#)

- On the datasheet, you will be able to find the NFPA labels (as seen below), hazard descriptions, response recommendations, and physical properties of the chemical.

**CAMEO Chemicals**

Chemical Datasheet [Add to MyChemicals](#) [Print Friendly Page](#)


SODIUM HYDROXIDE, SOLID 

[Chemical Identifiers](#) | [Hazards](#) | [Response Recommendations](#) | [Physical Properties](#) | [Regulatory Information](#) | [Alternate Chemical Names](#)

**Chemical Identifiers**  
 What is this information? ▶

CAS Number	UN/NA Number	DOT Hazard Label	USCG CHRIS Code
1310-73-2	1823	Corrosive	SHD

**NFPA 704**

Diamond	Hazard	Value	Description
	Health	3	Can cause serious or permanent injury.
	Flammability	0	Will not burn under typical fire conditions.
	Instability	1	Normally stable but can become unstable at elevated temperatures and pressures.
	Special		

(NFPA, 2010)

**NIOSH Pocket Guide**  
 Sodium hydroxide ⓘ

**International Chem Safety Card**  
 SODIUM HYDROXIDE ⓘ

You may have noticed another option **Add to MyChemicals** next to the **View Datasheet** option. The **Add to MyChemicals** option allows you to explore the reactivity of different chemicals.

1. Go to **New Search** on the left hand side of the screen under **Search Chemicals**.
2. Search the name of the chemical you wish to find.  
Example: Sodium Hydroxide
3. Look through the search results to find your chemical and click **Add to MyChemicals**.

MyChemicals  
chemicals: 0  
View MyChemicals  
Predict Reactivity  
Mobile Site  
Download on the App Store  
GET IT ON Google Play

**DOT Hazard Label:** Corrosive **ERPG-3:** 50 mg/m3  
**CAS Number:** 1310-73-2  
**UN/NA Number:** 1824  
*This chemical is also known as:*  
• **SODIUM HYDROXIDE** SOLUTION  
• **SODIUM HYDROXIDE**  
• **SODIUM HYDROXIDE** (LYE)  
• **SODIUM HYDROXIDE**, SOLUTION  
• **SODIUM HYDROXIDE**, [LIQUID]

[View Datasheet](#) [Add to MyChemicals](#)

**SODIUM HYDROXIDE, SOLID**  
A white solid. Corrosive to metals and tissue. Used in chemical manufacturing, petroleum refin...  
**DOT Hazard Label:** Corrosive **ERPG-3:** 50 mg/m3  
**CAS Number:** 1310-73-2  
**UN/NA Number:** 1823  
*This chemical is also known as:*  
• **SODIUM HYDROXIDE**, SOLID  
• **SODIUM HYDROXIDE**  
• **SODIUM HYDROXIDE** (LYE)  
• **SODIUM HYDROXIDE**, [DRY SOLID, FLAKE, BEAD, OR GRANULAR]

[View Datasheet](#) [Add to MyChemicals](#)

**SODIUM HYDROXIDE, CRESOL, XYLENOL**  
An amber, brown or black liquid with an unpleasant odor. From the neutralization of cresols and...  
**DOT Hazard Label:** Corrosive, Poison **ERPG-3:** 50 mg/m3  
**CAS Number:** 1310-73-2, 1319-77-3, 1300-71-6  
**UN/NA Number:** 2922  
*This chemical is also known as:*  
• **SODIUM HYDROXIDE**, CRESOL, XYLENOL

[View Datasheet](#) [Add to MyChemicals](#)

4. Click the **New Search** option again and search another chemical you wish to find. Example: Oxygen Gas

**CAMEO Chemicals**

Home  
Help  
Search Chemicals  
New Search  
Modify Search  
Search Results  
MyChemicals

**Search**  
Enter a chemical name or identification number to begin searching for datasheets.

[How does this search work?](#)

Name (not case sensitive)  
oxygen gas

CAS Number (with or without dashes)

UN/NA Number (4-digit number)

5. Look through the search results to find your chemical and click **Add to MyChemicals** again.

The screenshot shows the CAMEO Chemicals search results page. The header includes the CAMEO Chemicals logo and navigation links: Home, Help, Search Chemicals, New Search, Modify Search, Search Results, MyChemicals, chemicals: 2, Added chemical, View MyChemicals, Predict Reactivity, and Mobile Site. The search results section displays 6 datasheets matching the criteria. The first result is for 'OXYGEN GAS, REFRIGERATED LIQUID, OXIDIZING, N.O.S.' with details including DOT Hazard Label, CAS Number, and UN/NA Number. The 'Add to MyChemicals' button is circled in red.

6. Add all the chemicals you want to your MyChemicals list.

The screenshot shows the CAMEO Chemicals search results page, similar to the previous one. The 'Predict Reactivity' button in the left sidebar is circled in red. The search results section displays 6 datasheets matching the criteria. The first result is for 'OXYGEN GAS, REFRIGERATED LIQUID, OXIDIZING, N.O.S.' with details including DOT Hazard Label, CAS Number, and UN/NA Number. The 'Add to MyChemicals' button is also visible.

7. Click the **Predict Reactivity** Option on the left hand side of the screen. This will direct you to a Compatibility Chart of your chemicals, like the one below.

The screenshot shows the CAMEO Chemicals interface. At the top, there is a blue header with the text "CAMEO Chemicals". Below the header, the page is titled "Chemical Reactivity". There are two buttons: "Export Chart" and "Print Report". A section titled "Compatibility Chart" contains a table with two columns. The first column lists "SODIUM HYDROXIDE, SOLID" and the second column lists "OXYGEN GAS, REFRIGERATED LIQUID, OXIDIZING, N.O.S.". The second column also contains a red square icon labeled "Incompatible" and the text "Generates gas" and "Intense or explosive reaction". Below the table, there is a section titled "Reactivity Alerts" with a warning icon. It lists "OXYGEN GAS, REFRIGERATED LIQUID, OXIDIZING, N.O.S." with a bullet point "Strong Oxidizing Agent" and "SODIUM HYDROXIDE, SOLID" with a bullet point "Water-Reactive".

	OXYGEN GAS, REFRIGERATED LIQUID, OXIDIZING, N.O.S.
SODIUM HYDROXIDE, SOLID	<b>Incompatible</b> ■ Generates gas Intense or explosive reaction

**Reactivity Alerts**

- OXYGEN GAS, REFRIGERATED LIQUID, OXIDIZING, N.O.S.
  - Strong Oxidizing Agent
- SODIUM HYDROXIDE, SOLID
  - Water-Reactive

**NOTE:** If the chemical you are looking for is not available on CAMEO Chemical, you can search for an MSDS for the chemical online. Remember, if you are trying to find the MSDS for *a chemical you are using*, access the MSDS from the manufacturer.

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<sup>i</sup> In collaboration with Kara Steshetz