SAN JOAQUIN
COUNTY
Greatness grows here.

New Federal Hazard Categories CERS Reporting Guidance

As of March 1, 2018, US EPA requires the use of twenty-four new federal hazard categories for hazardous material inventory reporting. The federal hazard categories were selected prior to 2018 are obsolete and shall be corrected. The table below lists the obsolete and the new federal hazard categories. Section 2 of the Safety Data Sheet (SDS) lists the appropriate new hazard categories for chemical reporting.

Federal Hazard Categories Adopted by U.S. EPA (40 CFR part 370.66)			
Existing Categories (CERS Data Fields 216a-216e)		**NEW Categories** (New CERS Data Fields 216f-216cc)	
PHYSICAL	*HEALTH HAZARD*	*PHYSICAL*	*HEALTH HAZARD*
Fire	Acute (Immediate)	Flammable (gases, aerosols, liquids, or solids)	Carcinogenicity
Reactive	Chronic (Delayed)	Gas under pressure (compressed gas)	Acute toxicity (any route of exposure)
Sudden release of pressure		Explosive	Reproductive toxicity
		Self-heating	Skin corrosion or irritation
		Pyrophoric (liquid or solid)	Respiratory or skin sensitization
		Oxidizer (liquid, solid or gas)	Serious eye damage or eye irritation
		Organic peroxide	Specific target organ toxicity (single or repeated exposure)
		Self-reactive	Aspiration Hazard
		Pyrophoric gas	Germ cell mutagenicity
		Corrosive to metal	Simple asphyxiant
		In contact with water emits flammable gas	Hazard Not Otherwise Classified (HNOC)
		Combustible dust	
		Hazard Not Otherwise Classified (HNOC)	

What does this mean for Hazardous Material Inventory CERS Reporting?

If you have noticed a yellow triangle like the one you see below, you may need to make some adjustments to your submittal.

For more information about the warning, you can click on the triangle to view a warning message. If it says you have obsolete data elements, they need to be removed and replaced with the current standards for Hazardous Material Inventory.

How do I fix the obsolete Hazard Categories warning?

There are two ways to approach this issue.

Option One:

I. Add the same chemical(s) with "warning" again from the chemical library and delete the existing. This works on most standard chemicals. The CERS chemical library will have the updated section of the current federal hazard categories.

By discarding the chemical and adding it again, most of the chemicals in the chemical library will automatically fill out the Chemical Hazard Classification. If the fields are not automatically filled out, use the SDS to help you complete the hazard classification.

Save & Add Another Material   Save   Cancel

Chemical Identification and Physical Properties

Chemical Name
Gasoline

CERS Chemical Library ID
-

Common Name
Gasoline

CAS Number
86290-81-5

US EPA SRS ID
599746

Physical State
○Solid ●Liquid ○Gas

Hazardous Material Type ⓘ
●Pure ○Mixture ○Waste

Trade Secret
○Yes ○No

Chemical Hazard Classification

EHS ⓘ
○Yes ●No

Radioactive
○Yes ●No

Curies

Fire Code Hazard Classes (by priority)
Flammable Liquid, Class I-B ▾

View/Edit Additional Firecodes

DOT Hazard Class ⓘ
3 - Flammable and Combustible Liquids ▾

State Waste Code ⓘ
Lookup Code

Federal Hazard Categories
☑ PHYSICAL: Flammable
☐ PHYSICAL: Gas Under Pressure
☐ PHYSICAL: Explosive
☐ PHYSICAL: Self-heating
☐ PHYSICAL: Pyrophoric
☐ PHYSICAL: Oxidizer
☐ PHYSICAL: Organic Peroxide
☐ PHYSICAL: Self-reactive
☐ PHYSICAL: Pyrophoric Gas
☐ PHYSICAL: Corrosive to Metal
☐ PHYSICAL: In Contact with Water Emits Flammable Gas
☐ PHYSICAL: Combustible Dust
☐ PHYSICAL: Hazard Not Otherwise Classified (HNOC)
☑ HEALTH: Carcinogenicity
☐ HEALTH: Acute Toxicity
☑ HEALTH: Reproductive Toxicity
☑ HEALTH: Skin Corrosion or Irritation
☑ HEALTH: Respiratory or Skin Sensitization
☑ HEALTH: Serious Eye Damage or Eye Irritation
☑ HEALTH: Specific Target Organ Toxicity
☑ HEALTH: Aspiration Hazard
☑ HEALTH: Germ Cell Mutagenicity
☐ HEALTH: Simple Asphyxiant
☐ HEALTH: Hazard Not Otherwise Classified (HNOC)

II.   Check the CAS numbers and verify they are the same number. Discard the chemical with the obsolete hazardous material warning.

As you see above, we added the gasoline back into the inventory without any obsolete elements or warning notification icon (a yellow triangle).

III. Enter the other required fields, save, and submit.

Option Two:

Manually edit each obsolete element.

I. Click the edit button on the chemical with the obsolete element.

II.   Deselect the Obsolete Federal Hazard Categories check marks on the left side to remove them.

III.   Select the appropriate Federal Hazard Categories on the right side of the page to choose the hazards associated with the chemical. By using the Chemicals SDS as a guide, you can select from the 24 New Federal Hazard Categories.

If the warning notification does not disappear, another possible source of obsolete elements in your submittal is under the Fire Code Hazard Classes (by priority).

To remove the Obsolete Fire code Hazard Classes, do the following:

I.   Click on View/Edit Additional Fire Codes under the Fire Code Hazard Classes

II.   Remove these elements by clicking on the drop down menu containing the Obsolete Fire Code and make it blank by selecting the blank option. You can also add any other Fire Code Hazard Classes as needed.

This will remove the element from the list, and will correct the warning message.

After you correct the obsolete hazard classes, save the changes and submit the chemical inventory.

If you have any questions, please call (209)468-3420.