Chemical Reporting Using New Federal Hazard Categories

AS OF 2018, INVENTORY IN CERS MUST REFERENCE 24 NEW FEDERAL HAZARD CATEGORIES

US EPA asked individual states to make the 24 new categories available to business users by January 1, 2018. Facilities subject to Tier II EPCRA chemical inventory reporting must submit in CERS by March 1, 2018.

Federal Hazard Categories Adopted by U.S. EPA (40 CFR part 370.66)			
Existing Categories		NEW Categories	
(CERS Data Fields 216a-216e)		(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	Hazard Not Otherwise
		emits flammable gas	Classified (HNOC)
		Combustible dust	
		Hazard Not Otherwise Classified (HNOC)	

WHAT CHANGED AT THE FEDERAL LEVEL?

In 2016, US EPA amended the hazardous chemical reporting regulations to incorporate Fed OSHA's Global Harmonizing System (GHS) for chemical classification.

WHAT CHANGED IN CERS INVENTORY?

Replaced $\underline{5}$ existing federal hazard categories for chemical reporting with $\underline{24}$ NEW Physical and Health categories.

WHAT IS THE BENEFIT?

- Greater clarification and consistency for emergency planning and response.
- Eliminates duplicate reporting when the EPCRA reporting requirements apply.

SUPPORTING DOCUMENTATION:

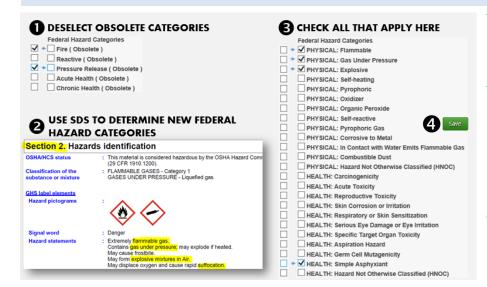
Background (CalEPA)
CERS Central Business Guidance

I HAVE A CURRENT HMBP IN CERS, HOW DO I REVISE/UPDATE IT AND RESUBMIT IN CERS?

QUICK STEPS: PREPARE A DRAFT SUBMITTAL & RESUBMIT WITH REVISED INVENTORY

- Click on Hazardous Material Inventory
- For each of the items in your inventory, click Edit and follow the steps below. After they're all updated, click
- Click any of the substant buttons. Make sure you're including 3 sections if you're re-certifying your HMBP.
- If you've added/removed inventory or documents, click Add Comment To Regulator to indicate what changed for faster processing.
- Click Solumit Selected Elements Print a copy or save a pdf to keep on site. HMBPs & Plans need to be available for inspection & emergencies.

HOW TO REVIEW & UPDATE CHEMICAL HAZARD CLASSIFICATION SECTION FOR EACH INVENTORY ITEM



HAZARDOUS MATERIALS

 Review section 2 of the SDS for physical/ health hazards listed, statements, or corresponding <u>pictograms</u>

HAZARDOUS WASTE

- What are the hazardous characteristics of the waste stream being reported?
- What contaminants are in the waste?
- Is there a similar SDS?
- Is it a RCRA listed waste?
- What are the hazards associated with the waste code?

SHARPS/RED BAG/MEDICAL WASTE

✓ HEALTH: Hazard Not Otherwise Classified (HNOC)