

Tu-M3-HMBP Assembly Bill (AB) 2059 New Requirements

AB-2059 Hazardous materials business and area plans: consumer products: recordkeeping.





Speaker Introductions

John Elkins
California Environmental Protection Agency

Fred Chun
City of Santa Clara Fire Department CUPA





Main changes to HMBP Program

- Consumer Product
- Record keeping requirements
 - Suppliers
 - Handlers
- Minor updates to Chapter 6.95



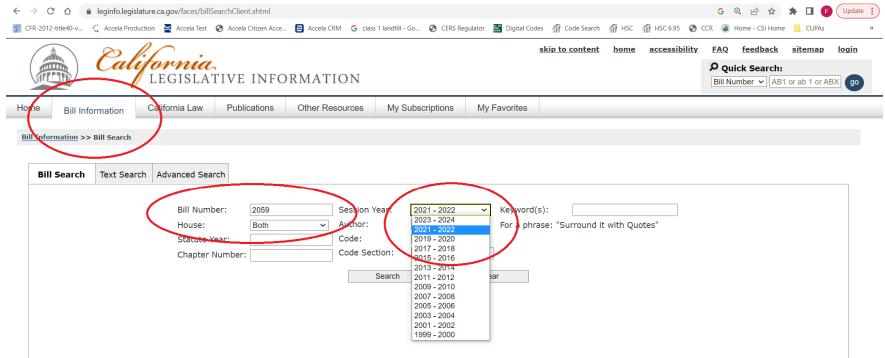


California Legislative Information

https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=202120220AB2059

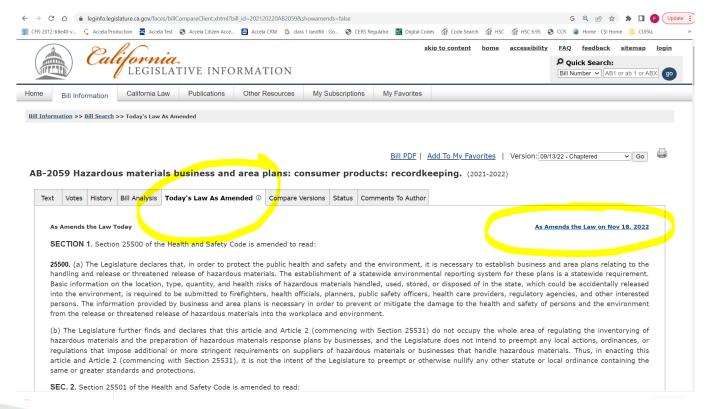






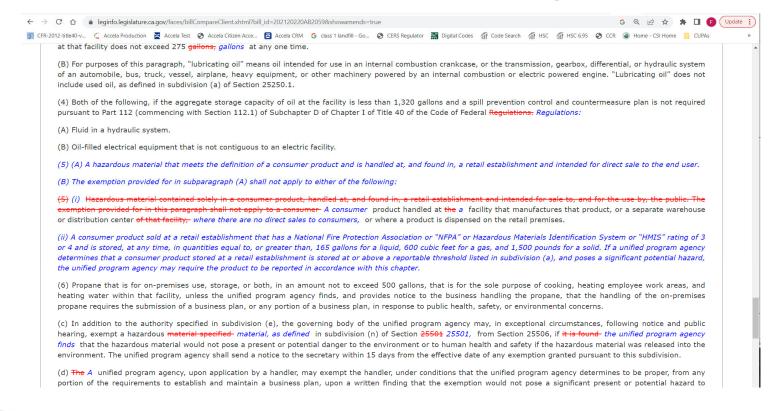
















Boyd Street Incident





https://youtu.be/lfkgBSVqVOU





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Changes to 6.95





• (b) The Legislature further finds and declares that this article and Article 2 (commencing with Section 25531) do not occupy the whole area of regulating the inventorying of hazardous materials and the preparation of hazardous materials response plans by businesses, and the Legislature does not intend to preempt any local actions, ordinances, or regulations that impose additional or more stringent requirements on suppliers of hazardous materials or businesses that handle hazardous materials. Thus, in enacting this article and Article 2 (commencing with Section 25531), it is not the intent of the Legislature to preempt or otherwise nullify any other statute or local ordinance containing the same or greater standards and protections.





25501 (j) - Change in definition

(j) "Consumer product" means a commodity that is used for personal, family, or household purposes, or that is present in the same form, concentration, and quantity as a product prepackaged for distribution to and use by the general public. a consumer for personal, family, or household purposes. A product that is not sold for personal, family, or household use is not a "consumer product."





25501 (n)

- (2) Hazardous materials include all of the following:
- (E) A material listed as an extremely hazardous waste, as defined in Section 25115, a hazardous waste, as defined by Sections 25115, 25117, and—in Section 25117, or a hazardous substance, as defined in Section 25316.





25501 (p) - Clarification

(p) "Retail establishment" means a business that sells consumer products prepackaged for *direct* distribution to, and intended for use by, the general public. end user. A retail establishment may include storage areas or storerooms in establishments that are separated from shelves for display areas but maintained within the physical confines of the retail establishments. establishment. A retail establishment does not include a pest control dealer, as defined in Section 11407 of the Food and Agricultural Code.





25501 (s)

• (s) "Supplier" means a manufacturer, distributor, wholesaler, or retailer in the state that sells or provides hazardous materials to a business in the state.





25501 (t)

(s) (t) "Threatened release" means a condition, circumstance, or incident making it necessary to take immediate action to prevent, reduce, or mitigate a release with that has the potential to cause damage or harm to persons, property, or the environment.





25501 (u)

(t) (u) "Trade secret" means trade secrets as defined in either subdivision (d) of Section 6254.7 of the Government Code or paragraph (1) of subdivision (a) of Section 1061 of the Evidence Code.





25501 (v)

(u) (v) "Unified program facility" means all contiguous land and structures, other appurtenances, and improvements on the land that are subject to the requirements of paragraphs (4) and (5) of subdivision (c) of Section 25404. For purposes of this article, "facility" has the same meaning as unified program facility.





25507 (a)

(1) (A) It handles a hazardous material or a mixture containing a hazardous material that has a quantity at any one time during the reporting year that is equal to, or greater than, 55 gallons for materials that are liquids, 500 pounds for solids, or 200 cubic feet for compressed gas, as defined in subdivision (i) of Section 25501. gas. The physical state and quantity present of mixtures shall be determined by the physical state of the mixture as a whole, not individual components, at standard temperature and pressure.





25507 (a) (5)

It handles at any one time during the reporting year cryogenic, refrigerated, or compressed gas in a quantity of 1,000 cubic feet or more at standard temperature and pressure, if the gas is any of the following:

(B) Oxygen, nitrogen, and or nitrous oxide ordinarily maintained by a physician, dentist, podiatrist, veterinarian, pharmacist, or emergency medical service provider at their place of business.





25507 (a) (5)

It handles at any one time during the reporting year cryogenic, refrigerated, or compressed gas in a quantity of 1,000 cubic feet or more at standard temperature and pressure, if the gas is any of the following:

(D) Nonflammable A nonflammable refrigerant gases, gas, as defined in the California Fire Code, that are is used in a refrigeration systems. system.





25507 (a) (5)

It handles at any one time during the reporting year cryogenic, refrigerated, or compressed gas in a quantity of 1,000 cubic feet or more at standard temperature and pressure, if the gas is any of the following:

(E) Gases A gas that is used in a closed fire suppression systems. system.





25507 (a)

(6) It handles a radioactive material at any one time during the reporting year in quantities for which an emergency plan is required to be considered pursuant to Schedule C (Section 30.72) of Part 30 (commencing with Section 30.1), Part 40 (commencing with Section 40.1), or Part 70 (commencing with Section 70.1) of Chapter I of Title 10 of the Code of Federal Regulations, or pursuant to any regulations adopted by the state in accordance with those these federal regulations.





25507 (a)(8)

- (A) It handles a <u>combustible metal or metal alloy</u> that is defined as a pyrophoric or water-reactive material in the California Fire Code, in any quantity in raw stock, scrap, or powder form at any time during the reporting year.
- (B) It handles a combustible metal, metal or metal alloy, alloy that is defined as a combustible dust, flammable solid, or magnesium in the California Fire Code, in a quantity in raw stock, scrap, or powder form at any one time during the reporting year that is equal to, or greater than, 100 pounds.
- (C) It handles a combustible metal, metal or metal alloy, alloy that poses an explosive potential, when in molten form, in a quantity at any one time during the reporting year that is equal to, or greater than, 500 pounds.





The following hazardous materials are exempt from the requirements of this section:

- (3) (A) Lubricating oil, if the total volume of each type of lubricating oil handled at a facility does not exceed 55 gallons and the total volume of all types of lubricating oil handled at that facility does not exceed 275 gallons, gallons at any one time.
- (4) Both of the following, if the aggregate storage capacity of oil at the facility is less than 1,320 gallons and a spill prevention control and countermeasure plan is not required pursuant to Part 112 (commencing with Section 112.1) of Subchapter D of Chapter I of Title 40 of the Code of Federal Regulations. Regulations:





25507 (c)

(c) In addition to the authority specified in subdivision (e), the governing body of the unified program agency may, in exceptional circumstances, following notice and public hearing, exempt a hazardous material specified material, as defined in subdivision (n) of Section 25501 25501, from Section 25506, if it is found the unified program agency finds that the hazardous material would not pose a present or potential danger to the environment or to human health and safety if the hazardous material was released into the environment. The unified program agency shall send a notice to the secretary within 15 days from the effective date of any exemption granted pursuant to this subdivision.





25507 (d)

(d) The A unified program agency, upon application by a handler, may exempt the handler, under conditions that the unified program agency determines to be proper, from any portion of the requirements to establish and maintain a business plan, upon a written finding that the exemption would not pose a significant present or potential hazard to human health or safety or to the environment, or affect the ability of the unified program agency and emergency response personnel to effectively respond to the release of hazardous material, and that there are unusual circumstances justifying the exemption. The unified program agency shall specify in writing the basis for any exemption under this subdivision.





25507 (e) & (f)

- (e) The A unified program agency, upon application by a handler, may exempt a hazardous material from the inventory provisions of this article upon proof that the material does not pose a significant present or potential hazard to human health and or safety or to the environment if released into the workplace or environment. The unified program agency shall specify in writing the basis for any exemption under this subdivision.
- (f) $\frac{\text{The }A}{\text{In }A}$ unified program agency shall adopt procedures to provide for public input when approving applications submitted pursuant to subdivisions (d) and (e).





Boyd Street Incident



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The following hazardous materials are exempt from the requirements of this section:

(5) (A) A hazardous material that meets the definition of a consumer product and is handled at, and found in, a retail establishment and intended for direct sale to the end user.

(B) The exemption provided for in subparagraph (A) shall not apply to either of the following:





(5) (i) Hazardous material contained solely in a consumer product, handled at, and found in, a retail establishment and intended for sale to, and for the use by, the public. The exemption provided for in this paragraph shall not apply to a consumer A consumer product handled at the a facility that manufactures that product, or a separate warehouse or distribution center of that facility, where there are no direct sales to consumers, or where a product is dispensed on the retail premises.





(ii) A consumer product sold at a retail establishment that has a National Fire Protection Association or "NFPA" or Hazardous Materials Identification System or "HMIS" rating of 3 or 4 and is stored, at any time, in quantities equal to, or greater than, 165 gallons for a liquid, 600 cubic feet for a gas, and 1,500 pounds for a solid. If a unified program agency determines that a consumer product stored at a retail establishment is stored at or above a reportable threshold listed in subdivision (a), and poses a significant potential hazard, the unified program agency may require the product to be reported in accordance with this chapter.





HMBP Exempt or Not Exempt? That is the Question!



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Windex



23 fl oz = 0.18 gallons

917 Bottles = **165** gallons





Windex



HMIS
Health 1
Fire (

Reac/Phy Haz (

NFPA

Health 1

Fire 0

Reactive 0





Lysol



19 fl oz = 0.15 gallons

1,100 Bottles = **165** gallons





Lysol



HMIS
Health
Fire
Reac/Phy Haz

NFPA
Health
1
Fire
Reactive





Comet



21 oz = **1.3** pounds

1,154 Containers = 1,500 pounds





Comet



HMIS
Health
Fire
Reac/Phy Haz

NFPA
Health 2
Fire 1
Reactive 0





Ammonia



64 fl oz = 0.5 gallons

330 Bottles = 165 gallons





Ammonia



HMIS
Health
Fire
Reac/Phy Haz

NFPA
Health 2
Fire C
Reactive C





Germ-X Hand Sanitizer



32 fl oz = 0.25 gallons

660 Bottles = 165 gallons





Germ-X Hand Sanitizer



HMIS
Health
Fire
Reac/Phy Haz

NFPA
Health 1
Fire 3
Reactive 0





Easy Off Oven & Grill Cleaner



24 fl oz = 0.1875 gallons

880 Bottles = 165 gallons





Easy Off Oven & Grill Cleaner



HMIS

Health 3

Fire 0

Reac/Phy Haz C

NFPA

Health 3

Fire 0

Reactive 0





Murphy Wood Cleaner



32 fl oz = 0.25 gallons

660 Bottles = 165 gallons





Murphy Wood Cleaner



HMIS Health Fire

Reac/Phy Haz C

NFPA Health Fire

Reactive 0





WD-40



12 fl oz = 0.09375 gallons

1,760 Bottles = 165 gallons





WD-40



HMIS

Health 1

Fire 4

Reac/Phy Haz (

NFPA Health Fire Reactive





DAPtex Foam Sealant



12 fl oz = 0.09375 gallons

1,760 Bottles = 165 gallons





DAPtex Foam Sealant



HMIS

Health 1

Fire 3

Reac/Phy Haz 0

NFPA Health Fire Reactive





Chlorox Cleaner + Bleach



32 fl oz = 0.25 gallons

660 Bottles = 165 gallons





Chlorox Cleaner + Bleach



HMIS Health Fire Reac/Phy Haz

NFPA
Health 3
Fire 2
Reactive 0





Minwax Wood Finish



8 fl oz = 0.0625 gallons

2,640 Bottles = **165** gallons





Chlorox Cleaner + Bleach



HMIS

Health 3

Fire 2

Reac/Phy Haz C

NFPA

Health 3

Fire 2

Reactive 0





Baking Soda (Sodium Bicarbonate)



14 oz = 0.875 pounds

1,715 boxes = 1,500 pounds





Baking Soda (Sodium Bicarbonate)



HMIS

Health C

Fire C

Reac/Phy Haz 0

NFPA

Health C

Fire 0

Reactive 0





Butane



8 oz = 0.0625 gallons

Gallon to Cubic Feet (butane) x 29.8 = 1.8625 ft3

323 Bottles = 600 cubic feet





Butane



HMIS
Health 1
Fire 4
Reac/Phy Haz 3

NFPA
Health 1
Fire 4
Reactive 0





Propane



5 gallons

Gallon to Cubic Feet (propane) x 34.1 = 170.5 ft3

4 Bottles > 600 cubic feet





Propane



HMIS

Health 2

Fire 4

Reac/Phy Haz 0

NFPA

Health 2

Fire 4

Reactive 0





25507.5 (a) – New Section

(a) A supplier of hazardous materials that are listed by the United States Department of Transportation and that are classified in two or more federal hazard categories in the California Environmental Reporting System, not including the "Hazard Not Otherwise Classified" category, shall maintain records for the sale or provision of those hazardous materials to a business in the state in quantities equal to, or greater than, within any 30-day period, 165 gallons of a liquid, 600 cubic feet of a gas at standard temperature and pressure, or 1,500 pounds of a solid.

A record shall be maintained by the supplier for a minimum of one year and shall be made available to a unified program agency within five days of a request.





25507.5 (a) – New Section

PHYSICAL	HEALTH HAZARD
Flammable	Carcinogenicity
(gases, aerosols,	
liquids, or solids)	
Gas under pressure	Acute toxicity (any route of
(compressed gas)	exposure)
Explosive	Reproductive toxicity
Self-heating	Skin corrosion or irritation
Pyrophoric (liquid or	Respiratory or skin
solid)	sensitization
Oxidizer (liquid, solid or	Serious eye damage or eye
gas)	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)	

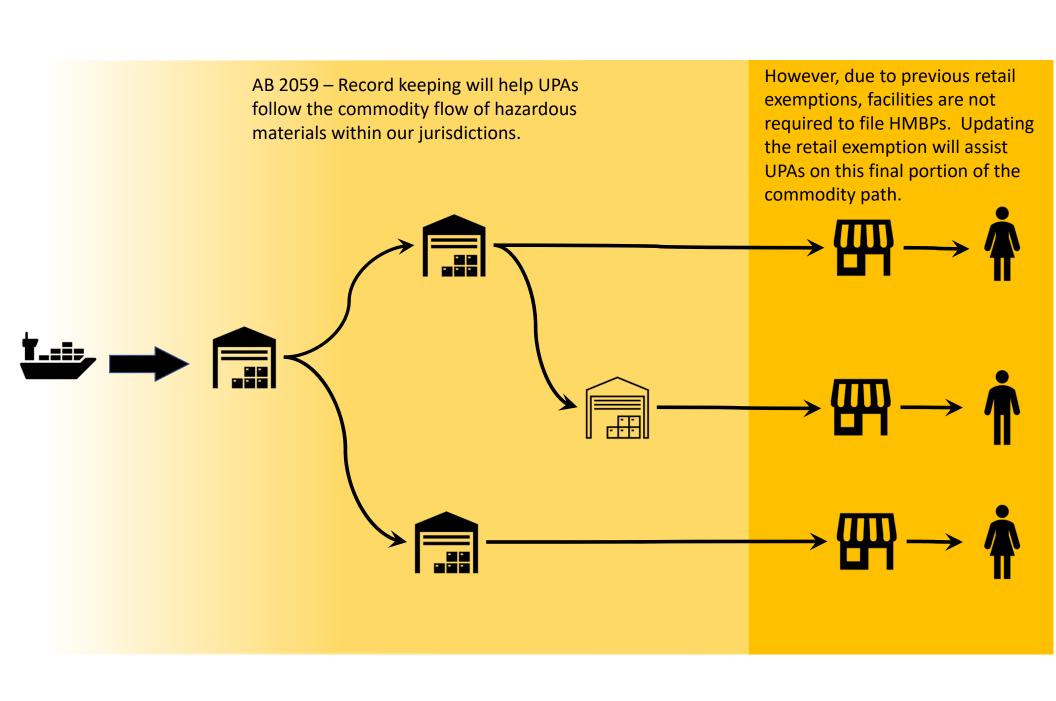




25507.5 (b) - New Section

- (b) Records required to be maintained pursuant to subdivision (a) shall contain all of the following information about each hazardous material and the business that is purchasing or being provided with the hazardous materials:
- (1) Common name of the hazardous material.
- (2) United Nations number (UN number) of the hazardous material.
- (3) Quantity of the hazardous material.
- (4) Name of business.
- (5) Business address.
- (6) Destination address of where the hazardous material will be handled.
- (7) Date of purchase or provision.
- (8) Name of the individual conducting the transaction on behalf of the business.







25507.5 (b) – New Section

CONTAINS HAZARDOUS MATERIALS												
STRAIGHT BILL OF LADING – ORIGINAL – NOT NEGOTIABLE						Shipper's	No					
Carrier						S	CAC	Carrier's	No	Date		=
TO: Consignee Street Destination				Zip	#	FROM: Shipper Street Origin					Zip	#
Route						J.1.g	Vehicle	Number		U.S. DOT	Hazmat Re	
Number and Type of Packages	НМ	I.D. Number		Desc	ription of Article	es		Hazard Class	Pkg. Grp.	Total Quantity mass, volume, or activity)	Weight (subject to correction)	Class or Rate





25507.5 (b) – New Section

Remit COD to:	Subject to Section 7 of cond shipment is to be delivered to the	tions, if this consignee	COI) AMT:	COD FE	EE:			
Address:			without recourse on the cons consignor shall sign the following sta The carrier shall not make de	itement:			Prepaid		
City:	State:	Zip:	shipment without payment of fre other lawful charges.	ight and all	\$	#	Collect]\$ #	
NOTE: Where the rate is depend the agreed or declared value of hereby specifically stated by the	the property. The agreed or d				TOTA	L CHARGES: #	FREIGHT	CHARGES:	
RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination, and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.									
NOTE: Liability Limitation for lo 14706(c)(1)(A) and (B).	ess or damage in this shipment	may be applicable. See 49	D.S.C. PLACARDS			PLACARDS SUPPLIED		BY CARRIER	
This is to certify that the above-name and labeled, and are in proper condition the Department of Transportation. Per part of the Department of Transportation.	REQUIRED		DRIVER'S SIGNATURE:		Sign	ature			
SHIPPER:			CARRIER:						
PER:	DAT	E:	PER:			DA	ATE:		
EMERGENCY RESPO			NAME OR CON OR OTHER UNI						
215-BLC-O 3 12466 (Rev. 9/10) CONTAINS HAZARDOUS MATERIALS 1									





Carson Incident



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https://youtu.be/kJOHwOa-2B0



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INTERIM ADVISORY ON HANDLING AND MANAGEMENT OF ALCOHOL-BASED HAND SANITIZER

March 16, 2023

The coronavirus pandemic triggered the need for large volumes of alcohol-based hand sanitizer for businesses, schools, and other entities across California. Some of these entities procured alcohol-based hand sanitizer in excess of need and could not consume or manage the excess material. Alcohol-based hand sanitizer generally has a high alcohol content (usually at least 60%). Much of that alcohol-based hand sanitizer is now expiring. Alcohol-based hand sanitizer may be considered a hazardous material, and additionally, an ignitable hazardous waste once it is no longer usable for its intended purpose. When alcohol-based hand sanitizer is discarded, it is identified as an ignitable hazardous waste (D001), according to the federal Resource, Conservation, and Recovery Act (RCRA). The United States Environmental Protection Agency (U.S. EPA) has issued several memoranda providing guidance on RCRA management of excess alcohol-based hand sanitizer, including most recently on November 17, 2022. As of March 2, 2023, U.S. EPA also has a webpage, "How to Dispose of and Recycle Alcohol-Based Hand Sanitizer." Other information regarding alcohol-based hand sanitizer can be found on the U.S. Food and Drug Administration's website.





25508.3 – New Section

Except for a household hazardous waste collection facility, as defined in Section 25218.1, a handler subject to the requirements of this chapter, if directed by a unified program agency during an investigation or inspection, including a complaint inspection, shall notify the unified program agency if hazardous materials in quantities equal to, or greater than, 165 gallons of a liquid, 600 cubic feet of a gas at standard temperature and pressure, or 1,500 pounds of a solid, are to be removed from the storage or handling location and transferred to another location. The handler shall disclose all of the following information as directed by the unified program agency:





25508.3 - New Section

- (a) Common name of the hazardous material.
- (b) United Nations number (UN number) of the hazardous material.
- (c) Quantity of hazardous material.
- (d) Expected date of transfer.
- (e) Actual date of transfer.
- (f) Destination address.
- (g) Method of shipping.
- (h) Shipping documentation.







Gavin Newsom Governor

Yana Garcia Secretary for Environmental Protection

CALEPA UPDATE ON ASSEMBLY BILL 2059

CalEPA is providing notice to the regulated community subject to regulation under the Hazardous Materials Business Plan (HMBP) program regarding Assembly Bill (AB) 2059.

AB 2059 was approved on September 13, 2022 and is effective on January 1, 2023. This bill amends the California Health and Safety Code (HSC), Chapter 6.95 Hazardous Materials Release Response Plans and Inventory, sections 25500, 25501, and 25507 and adds sections 25507.5 and 25508.3.

Click **HERE** to view the full text of the bill.

The following is intended to provide summary information regarding amendments to HSC Chapter 6.95. This summary is not a rule or regulation and does not replace or supersede applicable statutes or regulations. This summary is not inclusive of all amendments, including non-substantive amendments, to HSC Chapter 6.95 under AB 2059.

In summary, the bill expands the scope of hazardous materials subject to regulation by narrowing the definition of "consumer product". The bill requires a "supplier", as defined, that sells or provides a certain amount of hazardous materials meeting certain requirements to a business in the state in certain quantities to maintain records containing specified information regarding the sale or provision of the hazardous materials for a minimum of one year and requires suppliers to make those records available to a Unified





AB 1716 https://leginfo.legislature.ca.gov/faces/billNavCli ent.xhtml?bill_id=202320240AB1716





https://calepa.ca.gov/hazardous-materialsbusiness-plan-program/

hmbp@calepa.ca.gov





HMBP TAG (Regulators) Bi-monthly fchun@santaclaraca.gov





Questions?



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