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USA California Proposition 65 – REACH similar legislation:

Deals with the “Consumer’s right to information” on certain hazardous substances in all consumer goods sold or distributed in California. Companies are obliged to provide a “clear and unambiguous” warning in the form of labelling on the product, publication of reports in newspapers and/or notices in the workplace.

The California's Safe Drinking Water and Toxic Enforcement Act from 1986 (also known as California Proposition 65) is an effective California law that promotes the cleanliness of drinking water and is intended to prevent carcinogenic substances and substances that could lead to congenital defects from getting into consumer products. California Proposition 65, which is an active law, does not ban substances, but instead sets limits on the amounts which may be contained in products. If a product contains these substances above the limits, consumers must be warned. This warning must explicitly identify at least one of the chemicals over threshold.

Companies have 12 months from the date an over-threshold chemical is reported or detected to provide the required labelling and/or notifications. Non-compliance can lead to a fine of up to \$2,500 per day per item from the date of product launch on the Californian market.

Companies with business activities in California (USA) must be aware of and comply with the guidelines. Products shipped using the Pacific coast ports in California are subject to this regulation, if product distribution requiring adding or removing the product from a shipping container occurs in the port or elsewhere in the state.

Aims of the California Proposition 65 regulations:

- Regulation of the introduction of effluent into receiving waters;
- Regulation of emissions into the environment;
- Regulations of emissions in the workplace and emissions from articles in daily use

California Proposition 65 requirements:

All products sold or put on the market in California which contain a substance on the current CP65 list (> 800 substances at present) must meet the requirements of CP65, i.e.:

- Risk assessment with regard to any release of the substances (emissions) and/or
- Labeling of the products with certain warnings

The current CP65 list differentiates 2 categories of chemicals and will be updated at least once a year:

- Carcinogenic substances (e.g., DINP, DEHP)
- Reproductive toxins/mutagenic substances (e.g., DIDP, DBP, BBP, DNHP, DEHP)

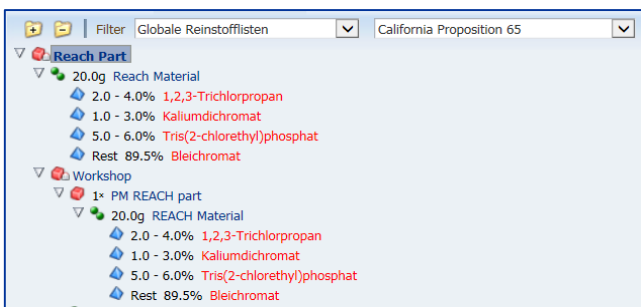
The list includes a wide range of natural and synthetic chemicals which are known to cause cancer, birth defects or other genetic damage. These chemicals include additives or constituents of pesticides, common household products, foodstuffs, medicinal products, colorants and solvents. The listed chemicals may also be used for manufacture and construction, or they may be by-products or chemical processes, for example, exhaust emissions.

You can download the list here: [Proposition 65 list dated December 04, 2015.](#)

Appropriate limits for the inclusion of the substances must be observed:

- Manufacturers/dealers must ensure that their product does not exceed the permitted exposure limits, i.e., substances are not released from products
- The substances may not simply be piped into the sewer.

HPE's CDX is the basis for data exchange within your supply chain, in order to meet the requirements of California Proposition 65.



CDX now also supports you with the aid of the new filter function “California Proposition 65”, so that you can obtain detailed substance information from your suppliers.

With the aid of the **filter function**, you can find out quickly and simply whether your products contain substances on the CP 65 list, as these are marked with a color on the bill of materials (BOM).

In addition, CDX optionally displays a detailed view in a separate box with all relevant information down to the smallest constituent, or for the entire composition:

REACH							
Name	CAS-Numme	D/P	Grenzwert / Beschränkung	Eintrag	Menge	Weight	Material
1,2,3-Trichlor...	96-18-4	D	0,1, however proh...	E2011	3,0 %	0,6 g	Reach Mater...
Bleichromat	7758-97-6	D	0,1, however proh...	E2010	89,5 %	17,9 g	Reach Mater...
Kaliumdichro...	7778-50-9	D	0,1, however proh...	E2010	2,0 %	0,4 g	Reach Mater...
Tris(2-chloret...	115-96-8	D	0,1, however proh...	E2010	5,5 %	1,1 g	Reach Mater...

REACH Annex XIV									
Name	CAS-Numme	Nr.	Datum	D/P	Grenzwert / Beschränkung	Eintrag	Menge	Weight	Material
Bleichromat	7758-97-6	10	21.05.2015	P			89,5 %	17,9 g	Reach Mater...
Kaliumdichro...	7778-50-9	19	21.09.2017	P			2,0 %	0,4 g	Reach Mater...
Tris(2-chloret...	115-96-8	13	21.08.2015	P			5,5 %	1,1 g	Reach Mater...

REACH Annex XVII									
Name	CAS-Numme	Nr.	D/P	Grenzwert / Beschränkung	Eintrag	Menge	Weight	Material	
Benzol	71-43-2		P	1. Shall not be use...	E2009		75,0 %	15,0 g	

RoHS								
Name	CAS-Numme	D/P	Grenzwert / Beschränkung	Eintrag	Menge	Weight	Material	Ausnahme
Bleichromat	7758-97-6	P	0.1%	E2009	89,5 %	17,9 g	Reach Mater...	
Kaliumdichro...	7778-50-9	P	0.1%	E2009	2,0 %	0,4 g	Reach Mater...	

ELV								
Name	CAS-Numme	D/P	Grenzwert / Beschränkung	Eintrag	Menge	Weight	Material	Ausnahme
Bleichromat	7758-97-6	P	0.1%	E2009	89,5 %	17,9 g	Reach Mater...	
Kaliumdichro...	7778-50-9	P	0.1%	E2009	2,0 %	0,4 g	Reach Mater...	

Batteries									
Name	CAS-Numme	D/P	Grenzwert / Beschränkung	Eintrag	Menge	Weight	Material	Testbericht	E-Missionen
Bleichromat	7758-97-6	P	cumulative 100 ppm	E2009	89,5 %	17,9 g	Reach Mater...	Nein	
Kaliumdichro...	7778-50-9	P	cumulative 100 ppm	E2009	2,0 %	0,4 g	Reach Mater...	Nein	

Sonstiges									
Regelung	Name	CAS-Numme	D/P	Grenzwert / Beschränkung	Eintrag	Menge	Weight	Material	Ausnahme
GADSL	Benzol	71-43-2				75,0 %	15,0 g		
GADSL	1,2,3-Trichlor...	96-18-4				3,0 %	0,6 g	Reach Mater...	
IMD	Bleichromat	7758-97-6	D	1000 mg/kg		89,5 %	17,9 g	Reach Mater...	
GADSL	Bleichromat	7758-97-6				89,5 %	17,9 g	Reach Mater...	
IMD	Kaliumdichro...	7778-50-9	D	1000 mg/kg		2,0 %	0,4 g	Reach Mater...	

The table also provides the legal requirements with effective dates and limits/restrictions for each substance.

The substance lists are updated promptly after their publication.

Workflow management: Using the **Inbox and Outbox** in CDX, you can forward material data sheets (MDBs) to your customers and suppliers quickly and transparently. You can initiate external **MDB enquiries** with the e-mail process. CDX supports **integration** into your **ERP/PLM system** by **Web Services**.