

**Comparison of US and Foreign Workplace Limits to Expected EPA TSCA Limits (ECELs) for
Some Important Industrial Chemicals**

Chemical	Foreign Country PELs*			OSHA PEL*	Expected EPA ECEL Based on IRIS Potency Factor*	PEL/EPA ECEL
	France PEL	Canada (Ontario) PEL	Mexico PEL			
Perchloroethylene	20	25	25	100	0.14**	714
Methylene Chloride	20	100	100	25	2**	12.5
Trichloroethylene	10	10	10	100	0.004**	25,000
Carbon Tetrachloride	1	5	5	10	0.030**	333
Benzene	1	0.5	0.5	1	0.03	33
Ethylene Dichloride	2	1	PEL not listed	50	0.008	6,250
Butadiene, 1,3 -	1	2	2	1	0.012	83
Formaldehyde	0.3	1.5	0.3	0.75	0.048	16
Vinyl Chloride	1	1	1	1	0.068	15
Chloroprene	PEL not listed	10	10	25	0.0008	31,250

*units in parts per million (ppm)

** These ECELs have already been announced by EPA based on completed 2020 Risk Evaluations. For the rest a value corresponding to a 1×10^{-4} potential risk has been derived based on the EPA Integrated Risk Information System (IRIS) potency factor.

France: <https://www.inrs.fr/media.html?refINRS=outil65>

Canada: <https://www.ontario.ca/laws/regulation/900833>

Mexico: http://dof.gob.mx/nota_detalle.php?codigo=5342372&fecha=28/04/2014