

All ChRelS as of February 2005

	Substance (CAS #)	Listed in CAPCOA (1993)	Chronic Inhalation REL ($\mu\text{g}/\text{m}^3$)	Hazard Index Target(s)	Human Data
1	Acetaldehyde* (75-07-0)	<input checked="" type="checkbox"/>	9	Respiratory system	
2	Acrolein (107-02-8)	<input checked="" type="checkbox"/>	0.06	Respiratory system; eyes	
3	Acrylonitrile (107-13-1)	<input checked="" type="checkbox"/>	5	Respiratory system	
4	Ammonia (7664-41-7)	<input checked="" type="checkbox"/>	200	Respiratory system	<input checked="" type="checkbox"/>
5	Arsenic (7440-38-2) & arsenic compounds	<input checked="" type="checkbox"/>	0.03	Development; Cardiovascular system; Nervous system	
6	Benzene (71-43-2)	<input checked="" type="checkbox"/>	60	Hematopoietic system; development; nervous system	<input checked="" type="checkbox"/>
7	Beryllium (7440-41-7) and beryllium compounds	<input checked="" type="checkbox"/>	0.007	Respiratory system; immune system	<input checked="" type="checkbox"/>
8	Butadiene (106-99-0)		20	Reproductive system	
9	Cadmium (7440-43-9) & cadmium compounds	<input checked="" type="checkbox"/>	0.02	Kidney; respiratory system	<input checked="" type="checkbox"/>
10	Carbon tetrachloride (56-23-5)	<input checked="" type="checkbox"/>	40	Alimentary system; development; nervous system	
11	Carbon disulfide (75-15-0)		800	Nervous system; reproductive system	<input checked="" type="checkbox"/>
12	Chlorinated dioxins (1746-01-6) & dibenzofurans (5120-73-19)	<input checked="" type="checkbox"/>	0.00004	Alimentary system (liver); reproductive system; development; endocrine system; respiratory system; hematopoietic system	
13	Chlorine (7782-50-5)	<input checked="" type="checkbox"/>	0.2	Respiratory system	
14	Chlorine dioxide (10049-04-4)		0.6	Respiratory system	
15	Chlorobenzene (108-90-7)	<input checked="" type="checkbox"/>	1000	Alimentary system; kidney; reproductive system	
16	Chloroform (67-66-3)	<input checked="" type="checkbox"/>	300	Alimentary system; kidney; development	
17	Chloropicrin (76-06-2)	<input checked="" type="checkbox"/>	0.4	Respiratory system	
18	Chromium hexavalent : soluble except chromic trioxide	<input checked="" type="checkbox"/>	0.2	Respiratory system	
19	Chromic trioxide (as chromic acid mist)	<input checked="" type="checkbox"/>	0.002	Respiratory system	<input checked="" type="checkbox"/>
20	Cresol mixtures (1319-77-3)	<input checked="" type="checkbox"/>	600	Nervous system	
21	Dichlorobenzene (1,4-) (106-46-7)	<input checked="" type="checkbox"/>	800	Nervous system; respiratory system; alimentary system; kidney	
22	Dichloroethylene (1,1) (75-35-4)	<input checked="" type="checkbox"/>	70	Alimentary system	

23	Diesel Exhaust*		5	Respiratory system	
24	Diethanolamine (111-42-2)		3	Cardiovascular system; nervous system	
25	Dimethylformamide (N,N-) (68-12-2)		80	Alimentary system ; respiratory system	<input checked="" type="checkbox"/>
26	Dioxane (1,4-) (123-91-1)	<input checked="" type="checkbox"/>	3,000	Alimentary system; kidney; cardiovascular system	
27	Epichlorohydrin (106-89-8)	<input checked="" type="checkbox"/>	3	Respiratory system; eyes	
28	Epoxybutane (1,2-) (106-88-7)		20	Respiratory system; cardiovascular system	
29	Ethylbenzene (100-41-4)		2,000	Development; alimentary system (liver); kidney; endocrine system	
30	Ethyl chloride (75-00-3)	<input checked="" type="checkbox"/>	30,000	Development; alimentary system	
31	Ethylene dibromide (106-93-4)	<input checked="" type="checkbox"/>	0.8	Reproductive system	<input checked="" type="checkbox"/>
32	Ethylene dichloride (107-06-2)	<input checked="" type="checkbox"/>	400	Alimentary system (liver)	
33	Ethylene glycol (107-21-1)		400	Respiratory system; kidney; development	<input checked="" type="checkbox"/>
34	Ethylene glycol monoethyl ether (110-80-5)	<input checked="" type="checkbox"/>	70	Reproductive system; hematopoietic system	
35	Ethylene glycol monoethyl ether acetate (111-15-9)	<input checked="" type="checkbox"/>	300	Development	
36	Ethylene glycol monomethyl ether (109-86-4)	<input checked="" type="checkbox"/>	60	Reproductive system	
37	Ethylene glycol monomethyl ether acetate (110-49-6)	<input checked="" type="checkbox"/>	90	Reproductive system	
38	Ethylene oxide (75-21-8)	<input checked="" type="checkbox"/>	30	Nervous system	
39	Fluoride including Hydrogen Fluoride		13 F 14 HF	Bone and teeth; respiratory system	<input checked="" type="checkbox"/>
40	Formaldehyde (50-00-0)	<input checked="" type="checkbox"/>	3	Respiratory system; eyes	<input checked="" type="checkbox"/>
41	Glutaraldehyde (111-30-8)	<input checked="" type="checkbox"/>	0.08	Respiratory system	
42	Hexane (n-) (110-54-3)		7000	Nervous system	
43	Hydrazine (302-01-2)	<input checked="" type="checkbox"/>	0.2	Alimentary system; endocrine system	
44	Hydrogen chloride (7647-01-0)	<input checked="" type="checkbox"/>	9	Respiratory system	
45	Hydrogen cyanide (74-90-8)	<input checked="" type="checkbox"/>	9	Nervous system; endocrine system; cardiovascular system	<input checked="" type="checkbox"/>
46	Hydrogen sulfide (7783-06-4)	<input checked="" type="checkbox"/>	10	Respiratory system	
47	Isophorone (78-59-1)		2000	Development; liver	
48	Isopropanol (67-63-0)		7,000	Kidney; development	

49	Maleic anhydride (108-31-6)	<input checked="" type="checkbox"/>	0.7	Respiratory system	
50	Manganese & manganese compounds	<input checked="" type="checkbox"/>	0.2	Nervous system	<input checked="" type="checkbox"/>
51	Mercury & mercury compounds (inorganic)	<input checked="" type="checkbox"/>	0.09	Nervous system	<input checked="" type="checkbox"/>
52	Methanol (67-56-1)	<input checked="" type="checkbox"/>	4,000	Development	
53	Methyl bromide (74-83-9)	<input checked="" type="checkbox"/>	5	Respiratory system; nervous system; development	
54	Methyl chloroform (71-55-6)	<input checked="" type="checkbox"/>	1,000	Nervous system	
55	Methyl isocyanate (624-83-9)		1	Respiratory system; reproductive system	
56	Methyl t-butyl ether (1634-04-4)		8,000	Kidney; eyes; alimentary system (liver)	
57	Methylene chloride (75-09-2)	<input checked="" type="checkbox"/>	400	Cardiovascular system; nervous system	<input checked="" type="checkbox"/>
58	Methylene dianiline (4,4'-) (101-77-9)	<input checked="" type="checkbox"/>	20	Eyes; alimentary system (hepatotoxicity)	
59	Methylene Diphenyl Isocyanate (101-68-8)		0.7	Respiratory system	
60	Naphthalene (91-20-3)	<input checked="" type="checkbox"/>	9	Respiratory system	
61	Nickel & compounds (except nickel oxide)	<input checked="" type="checkbox"/>	0.05	Respiratory system; hematopoietic system	
62	Nickel oxide (1313-99-1)		0.1	Respiratory system; hematopoietic system	
63	Phenol (108-95-2)	<input checked="" type="checkbox"/>	200	Alimentary system; cardiovascular system; kidney; nervous system	
64	Phosphine (7803-51-2)		0.8	Respiratory system; alimentary system; nervous system; kidney; hematopoietic system	
65	Phosphoric acid (7664-38-2)		7	Respiratory system	
66	Phthalic anhydride (85-44-9)	<input checked="" type="checkbox"/>	20	Respiratory system	<input checked="" type="checkbox"/>
67	Propylene (115-07-1)		3,000	Respiratory system	
68	Propylene glycol monomethyl ether (107-98-2)		7,000	Alimentary system (liver)	
69	Propylene oxide (75-56-9)	<input checked="" type="checkbox"/>	30	Respiratory system	
70	Selenium and selenium compounds (other than hydrogen selenide)	<input checked="" type="checkbox"/>	20	Alimentary system; cardiovascular system; nervous system	<input checked="" type="checkbox"/>
71	Silica (crystalline, respirable)		3	Respiratory system	<input checked="" type="checkbox"/>
72	Styrene	<input checked="" type="checkbox"/>	900	Nervous system	<input checked="" type="checkbox"/>

	(100-42-5)				
73	Sulfuric acid (7664-93-9)		1	Respiratory system	
74	Tetrachloroethylene* (perchloroethylene) (127-18-4)	<input checked="" type="checkbox"/>	35	Kidney; alimentary system (liver)	
75	Toluene (108-88-3)	<input checked="" type="checkbox"/>	300	Nervous system; respiratory system; development	
76	Toluene diisocyanates (2,4-&2,6-)	<input checked="" type="checkbox"/>	0.07	Respiratory system	<input checked="" type="checkbox"/>
77	Trichloroethylene (79-01-6)	<input checked="" type="checkbox"/>	600	Nervous system; eyes	<input checked="" type="checkbox"/>
78	Triethylamine (121-44-8)		200	Eyes	
79	Vinyl acetate (108-05-4)		200	Respiratory system	
80	Xylenes (m-, o-, p-)	<input checked="" type="checkbox"/>	700	Nervous system; respiratory system	<input checked="" type="checkbox"/>

*These peer-reviewed values were developed under the Toxic Air Contaminant (TAC) Program mandated by AB1807.