

<b>21-cadmium chloride (CAS# 10108-64-2)</b>														

**Table 1a. Sub-lethal acute poisoning (single dose): Clinical observations (time related)**

Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to recovery): h
1	Fernandez 1996	1	53M	U, A		(a)	360		0.0034	0.03			R	(b)	456
2	Hung 2004	2	42M	I, A		(c)	24		0.025	0.22			ba: V, G		
		2					48		0.015	0.13			F, BD, G, MA		
		2					72		0.007	0.06					
		2					96		0.003	0.03					
		2					120		0.0002	0.002					

**Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]**

MW cadmium chloride = 183.3  
 MW cadmium = 112.4  
 (a) inhalation of Cd-fume, cadmium 10%, bismuth 50%, lead 26%, tin 13%, 1% impurities metal.  
 (b) antibiotics, corticoid treatment, orotracheal intubation.  
 (c) approximately 50 cc of a solution containing 2-15% of cadmium and barium stearate.

**Table 1b. Sub-lethal acute poisoning (single dose): Clinical observations (without time information)**

Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to recovery): h

no cases

**Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]**

MW cadmium chloride = 183.3  
 MW cadmium = 112.4

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Table 2a. Lethal acute poisoning (single dose): Clinical observations (time related)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
1	Tylor 1984	1	36M	U,A		(a)	48		0.0036	0.03			ba: V, G, N, PE; OL: L, K, H	HD	144
2	Wisniewska-Knypl 1971	2	M		5	(b)	72		0.0011	0.01					192
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW cadmium chloride = 183.3															
MW cadmium = 112.4															
(a) inhalation of Cd-fume.															
(b) cadmium iodide.															
Table 2b. Lethal acute poisoning (single dose): Clinical observations (without time information)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
no cases															
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW cadmium chloride = 183.3															
MW cadmium = 112.4															

Table 3a. Post-mortem observations (time related)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
1	Buckler 1986	1	17F	I, A	150		30	(a)	23	204.63			PE, RA	AR, ST	30
2	Seidal 1993	2	78M	U, A		(b)	600	(c)	0.0596	0.53			PN, R	(d)	600
3	Fuortes 1991	3	68M	U, A		(b)	204		0.28	2.52			G, R	(f)	204
<b>Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]</b>															
MW cadmium chloride = 183.3															
MW cadmium = 112.4															
(a) wrong figure (23 g/l) was given in the original reference.															
(b) inhalation of Cd-fume, brazing with a silver solder, cadmium content 20-30%.															
(c) estimated peak blood concentration after inhalation, 630 µM.															
(d) oxygen, bronchodilators, steroids and antibiotics.															
(e) inhalation of Cd-fume, brazing with sheet metal, cadmium content 4-20 mg/kg.															
(f) treatment for occult sepsis, exploratory laparotomy.															
Table 3b. Post-mortem observations (without time information)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
1	Dreßler 2002	1	35F			(a), (b)		(c)	0.24				OL: CF, L, P		
<b>Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]</b>															
MW cadmium chloride = 183.3															
MW cadmium = 112.4															
(a) subchronic or chronic exposure is suspected.															
(b) also exposed to manganese.															
(c) blood concentration of Mn was 899 µg/l.															