

70-dichloromethane (CAS# 75-09-2)															
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
no cases															
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms. symptoms and signs. treatment)]															
MW dichloromethane = 84.93															
Synonym: methylene chloride															
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
1	Hall 1990	1	21M	U, A	IH			wb, (a) sr	80 29	942 341					
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms. symptoms and signs. treatment)]															
MW dichloromethane = 84.93															
Synonym: methylene chloride															
(a) also 2 mg/l toluene in whole blood.															

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
no cases															
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms. symptoms and signs. treatment)]															
MW dichloromethane = 84.93															
Synonym: methylene chloride															
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
1	Leikin 1990	1	32M					sr, (a)	55	648			C, HA, R, MA; OL:P,BE	ba: CR	72
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms. symptoms and signs. treatment)]															
MW dichloromethane = 84.93															
Synonym: methylene chloride															
(a) urine drug screen positive for cocaine and ethanol at admission.															

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	Bonventre 1977	1	13M	U, A	IH			T, (a)	510	6004			fd; OL: PE, B, H		
		1											COHb 3%		E 1,5 / 0 (b)
2	Winek 1981	2	20M	U, A	IH				298	3508			fd, OL: P, D, BE	ba: CR	E 1/ 0 (b)
3	Shinomiya 1985	3	39M	U, A	IH	(c)		T	1283	15105			fd; OL: P, H, L,		
		3											COHb 2,3%		E 3/0 (b)
4	Leikin 1990	4	29M	U, A	IH			T, sr	155	1825			ba: CA; OL: PE, D, MA	ba: CR	
		4											COHb 8%		0,5/0 (b)
5	Manno 1992	5	50M	U, A	IH	(d)	24	(e)	571	6722			fd, OL: BE, PE, MA	H, G	
		5											COHb 30%		E 4/ 0 (b)
		6	55M	U, A	IH		24	(e)	601	7076			fd, OL: BE, PE, MA	H, G	
		6											COHb 30%		E 4/ 0 (b)
6	Bohn 1989	7	61M	U, A	IH	(k)		(f)	91	1065			fd		E 2
7	Schmidt 1990	8	Ad M		IH	(g), (k)		T, (h)	290	3414			fd, COHb neg		
8	Logemann 1991	9	29M	U, A	IH	(i)	1	T, (j)	773	9101			fd, COHb<4%		E 2
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms. symptoms and signs. treatment)]															
MW dichloromethane = 84.93															
Synonym: methylene chloride															
COHb = carboxyhemoglobin level															
(a) also 8 mg/l toluol in blood.															
(b) time from beginning of exposure to death/time from end of exposure to death.															
(c) exposed 1.5 h; then unexposed 0.5 h. Thereafter found unconscious/dead (?) after 1h further exposure. Stayed in the room until declared dead 17 h after beginning of exposure.															
(d) approx. 7 h after death air level of 500 000 ppm in the well.															
(e) also traces to a few mg of other solvents: 1,2-dichloroethane, 1,1,1-trichloroethane.															
(f) value mean of interval 97-172 mg/l; also serum methanol 5-8 mg/l (100-200 mg/l toxic level).															
(g) 90% dichloromethane containing 5% methanol.															
(h) no methanol in blood.															
(i) max 5 h of exposure.															
(j) blood drawn when the man was found, estimated 1 h after death. At autopsy later the average blood level was 529 mg/l, also serum chloroform 1.66 mg/l (lethal concentration 10-194 mg/l).															
(k) better data requested.															
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	Franc 1983	1	NR	NR	IH	(a)		T	252	2967					
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms. symptoms and signs. treatment)]															
MW dichloromethane = 84.93															
Synonym: methylene chloride															
(a) better data requested.															