

57-sodium chloride (CAS# 7647-14-5)															

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	McGouran 1975	1	54F	U, A	NR	(a)	21	s, p, (b)	10730	185000			0h: DC; I: MA, SZ	0h: ST	
		1					39		7946	137000			SS: N	2.5h: FD; I: AC	720
2	Persson 1981	2	46M	U, A	60	(a), ED, (c)	15	s, p, (b)	9860	170000			0h: MS	0h: ST	
		2					39		9280	160000			3h: G, F	I: AR	
		2					63		8990	155000			15h: SZ, C		
		2					87		8816	152000			I: RA, IP, CF		
		2					111		8642	149000			RM: 3 d; MS: N		504
3		3	27F	S, A	NR	(a), (d)	3	s, p, (b), (e)	10092	174000			0h: NS	0h: ST, UL	
		3					27		9628	166000			3h: MS, SZ, F,	12h: AC, AR	
		3					51		8874	153000			MA		
		3					75		8468	146000			12h: C, SZ, IH		
		3					99		8236	142000			RM: 6d		

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

- MW sodium chloride = 58
- (a) salt used as an emetic agent.
- (b) calculated from osmolality.
- (c) ingested 500 mg levomepromazin about 2 h before admission.
- (d) ingested 12.5 g acetylsalicylic acid before admission.
- (e) concentrations of salicylate were 5400 µM and 1900 µM, after 5 and 14 h, respectively.

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 sodium chloride = 58

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	Cameron 1966	1	20F	U, A	80	X, (a)	12	sr	10170	174000			4h: SZ; 22h: RA	4h: AC	
		1											OL: IH(b)		22
2	Dayan 1967	2	23F	U, A	75	X, (a)	16	sr	8990	155000			0h:(b); 3h:C; 6h:F, LP		
		2											7h: SZ; 16h: DC, K		
		2											OL: BE, IH		54
3	Robertson 1971	3	23F	U, A	NR	(c), (d)	4	sr	12412	214000			NR	0h: ST; E2h: HD	
		3				ET	6		10324	178000					18
4	Winter 1974	4	21F	U, A	400	(c), ED, ET	3	sr	13166	227000			ba: C,L,F,G,HA,PE,SZ	0h: ST, PD	E6
5	Bird 1974	5	35F	U, A	60	(c), (f), ET	2	pl	11600	200000			0h: MS, G; 4h: DC		
		5											OL: B, IH, PE, H		4
6	Goodbody 1975	6	35F	U, A	45	(c), ED, (g)	4	pl	12180	210000			0h: MS; 2h: C; 3h: SZ	0h: ST	
		6											OL: G, B, IH	3h: AR	9
7	Hey 1982	7	56F	U, A	120	(c), (h)	4	sr	12412	214000			0h: DC, R; I: CF	0h: ST, AR	12
8	Moder 1990	8	41M	S, A	80	(h), ED	4	sr	12122	209000			ba: SZ		
		8					6	sr	11658	201000			0h: SZ, F, C		
		8					13	sr	11078	191000			6h: CF		
		8					29	sr	10556	182000			35h: KF, B		
		8					39	sr	9744	168000			68h: CA		
		8					53	sr	8990	155000			OL: B, IH, P, G		
		8					65	sr	8410	145000					
		8					71	sr	8294	143000					72
9	Roberts 1974	9	26F	U, A	150	(c), (i)	2	pl	9976	172000			0h: V; 2h: H, MS;	2h: ST; 4h: (j)	
		9					14	pl	9396	162000			4h: F, MA; 6h: C, BE;		
		9											24h: B		37
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW sodium chloride = 58															
(a) intrauterine injection of sodium chloride solution to produce therapeutic abortion (amniocentesis for psychiatric reasons).															
(b) haemorrhagic infarction of middle brain and brain stem.															
(c) salt used as an emetic agent.															
(d) ingested 30 tablets of Librium.															
(e) ingested 750 mg amitriptyline, 250 mg imipramine, 750 mg chlorpromazine, 75 mg diazepam, and 50 mg nitrazepam.															
(f) took a moderate overdose of salicylate.															
(g) ingested 600 mg sodium amytal; same case as in table: Post-mortem observations (time-related).															
(h) Down syndrome, seizure disorder controlled with phenytoin and valproic acid, and malignant lymphocytic lymphoma treated with chemotherapy.															
(i) took an overdose of approximately 40 Anadin tablets containing salicylamide, acetylsalicylic acid, caffeine and quinine.															
(j) peritoneal dialysis using 5% dextrose solution with 4 mEq potassium chloride per litre.															

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	Goodbody 1975	1	NR	NR		(a)			12296	212000			OL: B, IH	NR	
2	Johnston 1977	2	45F		NR	(b)			11020	190000			NR	NR	
3	Gresham 1982	3	48F	U, A	40	(c), ED, (d), (e)		sr	9628	166000			0h: NS; 5h: F, G 17h: SZ, PS, C	0h: ST, AC	
		3											OL: B, IH, P		E72
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW sodium chloride = 58															
(a) i.v. 5% solution of saline.															
(b) ingested three to four heaping tablespoons of salt.															
(c) salt used as an emetic agent.															
(d) took an overdose of chlorpromazine (possibly 200 mg).															
(e) it is unclear if a blood sample was taken after 5 or 17 h.															
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	Goodbody 1975	1	35F	U, A	45	(a), ED, (b)	6.45	(c), s	13108	226000			0h: MS; 2h: C; 3h: SZ OL: B, IH, G	0h: ST 3h: AR	9
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW sodium chloride = 58															
(a) salt used as an emetic agent; same case as in table: Lethal acute poisoning (single dose): Clinical observations (time related).															
(b) time from death to autopsy.															
(c) blood taken from the heart.															
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	Gauthier 1969	4 cases	infants			(a)		(b), E	12209	210500					
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW sodium chloride = 58															
(a) four premature infants (8 days - 4 weeks) poisoned by accident (salt, instead of sugar, was added to the milk formulae, in the newborn nursery).															
(b) mean value (range between 167000 and 245000 µM).															