

sodium fluoride

48-sodium fluoride (CAS# 7681-49-4)															
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	Abukurah 1972	1	25M	S, A	52	(a)	1	sr	2	105.3			ba: G,V; 0h: MS; 1h: SZ, RA,CA,C,E(d),MA	0h: ST, CM 1h: AR,AC,AA	
		1											8h:CI; 13h:RM; 48h:SS(e)	CR (63 times, 12h), PM	336(720) (g)
2	Berman 1973	2	18M	A	NR	(a)	3	wb, (b)	9.5	500			0h: MS, G, H	0h: ST, CM,	
		2					14		0.28	15				HD 11h	
3	Saady 1988	3	61M	S, A	NR	(a)	24	sr	3.4	179			ba: MS, G, V	NT	
		3					336	(c)	0.13	6.8			0h: MS (f)		
4	de Vries 1997	4	55M	A	NR	(a)	7		6.8	357			V, G, MS, H	HD, ST	NR
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW fluoride = 19															
(a) ingested as NaF (the dose of fluoride is given).															
(b) serum levels were 85% of blood levels; 30% was removed by dialysis and 70% by bones and urine.															
(c) normal value.															
(d) hypokalemia (beside the hypocalcemia and hypomagnesiemia).															
(e) esophageal constriction, which healed in 30 days.															
(f) pain in the legs.															
(g) time to remission/(time at hospital).															

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	Lybecker 1986	1				(a)		p	7.6	400					
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW fluoride = 19															
(a) patient with renal insufficiency anaesthetized with methoxyfluorane.															
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	Simpson 1980	1	47M	S, A	NR	(a)	2	sr	17.29	910			0h: MS, R, LP	0h: ST	
		1					3	sr, p	19.38	1020			l: E, MA, KF, SZ, C	l: CM	
		1					10	sr	12.46	656			3h: CA	3h: CR	12
2	Kaa 1986	2	31F	S, A	25.3	(a), (b), ET	2	sr	85	4474			20 min: V, G; 1h: HA, LP	20 min: ST, TR	E2
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW fluoride = 19															
(a) ingested as NaF.															
(b) dose of fluoride.															

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 fluoride = 19															
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	McNally 1923	1	45F	U, A	4.75	(a), (b)			1.4	73.7			ba: V, G, N	NR	4
2	Simpson 1980	2	47M	S,A	NR	(a), (c), ED			5.7	300			0h: MS, R, LP	0h: ST	
		2											I: E, MA, KF, SZ, C	I: CM	
		2											3h: CA; OL: NR	3h: CR	12
3	Lybecker 1986	3	32F	S, A	25.3	(a), X, (d)		T	47.5	2500			ba: G, V; 0h: MS; I: CF,E,C,	0h: ST, CM	
		3											R; 2.5h: HA,CA; OL: NR		2.5
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW fluoride = 19															
(a) ingested as NaF.															
(b) dose of NaF; time from death to autopsy was 6 weeks; body exhumed.															
(c) the same case as in table: Lethal acute poisoning (single dose): Clinical observations (time related).															
(d) dose of fluoride.															
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	Klendshoj 1966	1	Ad	S, A	NR				16	842			0h: DC, CA; OL: B		
2	Baselt 1989	2	13 cases					wb, (a)	15	789					
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW fluoride = 19															
(a) average blood concentration.															