

lindane

34-lindane (CAS# 58-89-9)															
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	Pernov 1974	1	42M	U, A		(a), ET	912	wb	0.5	1.72			MS,N I:SZ	ST,AC	
		1				ET	1464		0.1	0.34					NR
2	Munk 1977	2	35 M	U, A		X, ET	2.5	sr	0.6	2.06			ba: SZ, V, G	0h: ST, AC	
		2				ET	72	sr	0.005	0.02			0h: SZ, CY, MA		
		2											2h: H; I: N, K,IP		
		2											BD; 13 d: PA; 24 d:RM		
		2											LS: N		576
3	Davies 1983	3	16M			(b), ET	3	sr, E	0.21	0.71			C, SZ, R, LP, G	ST, AC, AR ,	
		3				ET	120	sr, E	0.05	0.16				FD	
		3				ET	408	sr, E	0.01	0.03					264
4	Daerr 1985	4	16 F	S, A		X	4	pl, (e)	0.25	0.86			MS	4 h: HP 2 h	
		4					8	pl, (e)	0.21	0.72					
		4				y	10	pl, (f)	0.05	0.17					
		4					88	pl, (f)	0.01	0.02					20
5	Burton 1991	5	32 F	U, A		(c), (d), ET	1	sr, (g)	0.13	0.45			5 min:V, 30 min: SZ	0h:ST	3
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW lindane = 290.9															
(a) dermal exposure/inhalation? 3 hours packaging lindane.															
(b) ingested 1% lindane in shampoo.															
(c) a history of systemic lupus erythematosus (SLE) and seizure disorder controlled with phenytoin.															
(d) accidentally ingested approximately 10-25 ml of a 1% lindane solution (Kwell).															
(e) before hemoperfusion.															
(f) after hemoperfusion.															
(g) serum phenytoin 70 mg/l.															

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 lindane = 290.9															
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	Kurt 1986	1	41M	U, A		(a), ET	2		1.3	4.47			ba: V, (c); 0h: CA, DC, MA; l: R	ba: ST	
		1					144		0.11	0.38			OL: B (d), P	0h: CR, ST	168
2	Rao 1988	2	43F	S, A		(b)	12	sr	1.3	4.47			ba: V, G	0h: RA, ST,	
		2					36	sr	0.8	2.75			0h: C, SZ, HCF, R, MA	2h: AC	
		2					60	sr	0.3	1.03			2h: CP	90-258h: PD	
		2					105	sr	0.1	0.34			18h: KF, 11d: RA, CA,		
		2											OL: H, G, B, L, K		264
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW lindane = 290.9															
(a) lindane cream (Kwell), 1% lindane solution; this case is also referred in table: Post-mortem observations (time related).															
(b) a past history of depression; ingested 8 oz of 20% lindane solution.															
(c) aspiration.															
(d) anoxic brain damage.															

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 lindane = 290.9															

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	Kurt 1986	1	41M			(a)		T	0.02	0.07					168
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW lindane = 290.9															
(a) see also table: Lethal acute poisoning (single dose): Clinical observations (time related).															

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
no cases															
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
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