

10-isopropyl alcohol (CAS# 67-63-0)															
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	McCord 1948	1	30M	X	NR	ET	3	(a)	1570	26123			0h: C	0h: ST (b)	48
2	Freireich 1967	2	59M	NR	550	ET	4		3460	57571	1170	20147	0h: C, LP	0h: ST	14
		2				ET	11	p(acetone)	2120	35333	1880	32373	7h: DC	7h: HD 3h	
		2				ET	13		1040	17333	1580	27207	10h: MS (c)		
		2				ET	14.5		60	1000	1500	25830			
		2				ET	52		3	50	610	10504			
3	King 1970	3	M28	A	550	(d), (e)	5.5		4400	73211	400	6880	0h: DC, LP	0h: ST, AR	NR
		3					7.5		3100	51666	900	15498	6.5h: MS (c)	4.5h: HD 5h	
		3					9		1990	33166	900	15498	9.5h: RM		
		3					11		100	1666	1000	17220			
4	Vasiliades 1977	4	45M	NR	NR	(d), (f), ET	3		1650	27454	180	3100	0h: DC, LP	0h: ST, AR	24
5	Daniel 1981	5	26F	NR	157	(d), ET	30		1700	28333	2400	41328	0h: MS/C	0h: ST	NR
		5				ET	40	p(acetone)	200	3333	2900	49938			
		5				ET	65				1200	20664	0h: C, R	0h: ST, AR	NR
6	Rosansky 1982	6	61M	NR	336	ET	10		3660	61122			ba: -4h: C	0h: ST	
		6				ET	10.5		2920	48764	820	14120	0h: DC, LP, PN	5h: HD 3h	
		6				ET	11		3380	56446	630	10849	6-7h: RM/C	(55 g/ 3h)	
		6				ET	11.5		1780	29726	630	10849			
7	Szpiert 1983	7	35M	NR	314	(d)	12		1322	22000	2146	36954	3-6h: RM,MS (c)	2h: HD 4h	30
		7					16		240	4000	1044	17978		6h: FD 12h	
		7					28	(g)			290	4994			
8	Lacouture 1983	8	42F	S	NR		3.5		4670	77833	1500	25830	0h: DC, LP	0h: ST, AR	12
		8					12.5		1080	18000					
		8					17.5		250	4167					
		8					20.5		40	667					
		9	32M	NR	NR		6		5600	93333			0h: C, LP, HA, CA	0h: ST, AR,	24
		9					8		5100	85000				CR, PM	
		9					9.5		3150	52500				2h: HD 3.5h	
		9					11.5		1300	21667					

isopropyl alcohol

9	Natowicz 1985	10	46F	X	NR	(f), ET	4		2000	33333	120	2066	0h: C	0h: ST	48
		10				ET	28		120	2000	1250	21525	3h: V, DC	3h: AR	
		10				ET	44	p(acetone)	10	167	1350	23247			
		10				ET	64				300	5166			
10	Taylor 1985	11	63M	NR	320	(d), (h), ET	5		2030	33901	2430	41844	0h: C, RA, ED (i)	0h: ST, AR	168
		11				ET	11		940	15698	3580	61647	5h: DC, HT, LP, MA	4h: PD 36h	
		11				ET	41		0	0			12h: RM/C		
		11											I: AP, G, HA		
11	Gaudet 1989	12	34F	NR	NR	(d), (f)	2		3000	50000			0h: C, LP, HA	0h: ST, AA	NR
		12					8		18000	30000	700	12054	10h: RM		
		12					14	EC	900	15000	1800	30996			
		12					44				600	10332			
12	Rich 1990	13	44M	NR	NR	ET	2		5340	89000	407	7008	0h: C, LP	0h: ST	96
		13				ET	16		1680	28000	838	14430	I: HA	I: AR	
		13				ET	18.5		900	15000	1629	28051	13.5h: RM	10h: HD 9h	
		13				ET	28	p(acetone)	360	6000	1855	31943			
		13				ET	42		60	1000	1311	22575			
		13				ET	66				49	844			
13	SPC97:2	14	49F	NR	NR		9		4620	77000			C	10h: HD	72
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW isopropyl alcohol = 60.1															
MW acetone = 58.1 (metabolite).															
(a) alcohol determined.															
(b) no AR.															
(c) agitation.															
(d) alcoholic.															
(e) in ten minutes.															
(f) also some ethanol (max 100 mg/l).															
(g) < 290 mg acetone/l.															
(h) rubbing alcohol, 1 pint.															
(i) high blood glucose.															

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	Daniel 1981	1	38M	NR	NR			(a)	1000	16600	2400	41328	NR	0h: ST, FD	96
		1							100	1660	2800	48216			
		1						p (acetone)			2900	49938			
		1									1200	20664			
2	Kelner 1983	2	67M	NR	NR				200	3320	800	13776	0h: C	NR	NR
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW isopropyl alcohol = 60.1															
MW acetone = 58.1 (metabolite).															
(a) alcoholic.															
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	Adelson 1962	1	41M	NR	380	(a)	22		200	3330	1600	27552	0h: DC	0h: ST (c)	360
		1					44				0	0	5-24h: RM		
		1											72h: KF (b)		
2	AAPCC 1989:5	2	47	S	NR		24		1930	32110					NR
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW isopropyl alcohol = 60.1															
MW acetone = 58.1 (metabolite).															
(a) alcoholic.															
(b) vasopressor-induced ischemic muscular necrosis leading to hemoglobinuric nephrosis.															
(c) no AR.															

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 isopropyl alcohol = 60.1															

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	Adelson 1962	1	37M	NR	313		5		1500	24960					
2	Baselt 1990	2	F	NR	NR		3		3300	54908	1200	20664			
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW isopropyl alcohol = 60.1															
MW acetone = 58.1 (metabolite).															

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	Alexander 1982	1		31 cases		(a), (b)	1400	23295	1700	29274					
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW isopropyl alcohol = 60.1															
(a) 24-72 years, 81% alcoholics; no therapy (90% died at home).															
(b) average 31 cases. 13 of these cases had an isopropanol/acetone ratio higher than one, indicating a relatively short time (< 10h ?) between ingestion and death. Average values for these cases were: 2000 mg/ml (isopropanol) and 1250 mg/ml (acetone).															