94-acrylamide (CAS# 79-06-1)

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 acrylamide = 71.1

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	Calleman 1994	1	NR			(a), (b)		pl, (g)	0.065	0.92					
		2	NR			(a), (c)		pl, (g)	0.16	2.2					
		3	NR			(a), (d)		pl, (g)	0.09	1.3					
		4	NR			(a), (e)		pl, (g)	0.14	2.0					
		5	NR			(a), (f)		pl, (g), (h)	0.13	1.8					
2	Calleman 1996	6	NR	S		(i)		(j)							

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

MW acrylamide = 71.1

(a) a biomonitoring study (People's Republic of China) in the factory where a copolymer of acrylamide and acrylic acid was produced which was used for the purification of petroleum products.

Duration of employment ranging from 0.1 to 11.5 years.

(b) controls (n=3).

(c) the workers in the packaging room (n=2).

(d) the workers in polymerization room (n=2).

(e) ambulatory workers (n=2).

(f) the workers in the synthesis room (n=10).

(g) free acrylamide in blood plasma; means based only on the values above detectability.

(h) 1.8 ± 0.8 µM..

(i) a case of suicide (forensic study) committed by the ingestion of 400 mg/kg of acrylamide.

(j) blood concentration is not reported; however, the level of hemoglobin adducts in this individual was 201 nmol $(g\ Hb)^{-1}$,

which is about 10 times higher than the most heavily exposed workers in the Chinese study, accumulated over 120 days.

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 acrylamide = 71.1															

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 acrylamide = 71.1															

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
no cases															
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms. symptoms and signs. treatment)]															
MW acrylamide = 71.1															

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)]															
MW acrylamide = 71.1															