

Table 4.2.1. Toxic effect of α -butoxyethanol after its ingestion by man subject.

Country of Study	Subject (n)	Glass cleaner: ml (% of α -butoxyethanol in)	Syndromes	References
France	Woman (suicide attempt)	250-500 (12%) (equivalent to 30-60 g of α -BT)	Deep Coma Poor ventilation metabolic acidosis Lypsoke Laemia Renal myoglobinuria oxaluria.	Ramberg - Schepers et al (1918)
Belgium	Woman (suicide attempt)	500 (25-30 g)	Coma Hypotension metabolic acidosis anaemia leukemia	Gijzenbergh et al (1989)
France	Woman (suicide attempt)	500 (9.7%) 45g	Coma metabolic acidosis Shock	Bauer et al, 1992
France	Woman (suicide attempt)	150 (9.7%)	non cardiogenic pulmonary edema	
Pennsylvania USA	Man (suicide attempt)	20-30 ounces (25-35%)	Poor ventilation metabolic acidosis renal injury	Nisse et al, (1985)
New Mexico	Woman (8 ounces)	92.3 g of Glass Cleaner (10-35%)	Neurotoxicity metabolic acidosis lethargy, deep coma Hypotension severe aspiration pneumonia vomiting lethargy metabolic acidosis hypotension	Burkhardt & Donovan (1998) McKinney et al (2005)