

Guidelines/Criteria	
	Reference: Keen CL, Uriu-Hare JY, Swan SH, Neutra RR. 1992. The effects of water source on reproductive outcome in Fischer-344 rats. Epidemiology 3(2):130-133.
In vivo Study Type Route of Administration Species & age of animals	Developmental toxicity study Drinking-water Pregnant Fischer-344 rats
Study Duration	Gestation days 0-20
Type of Mixture Binary >2 components Similar acting or dissimilar What Mode of Action was investigated?	No Yes Not known, presumably both Nothing specific
Parameters/End points Measured Target organs/Critical effects Pharmacological changes or adverse effects	Maternal body weight, implanatation sites, live foetuses, sex, resorptions, foetal length and weight, placental weight, malformations None seen
Individual Components Characterisation of individual compounds Name, exact chemical name, CAS no. Were dose responses established for individual components? Were no effect levels established? Were doses below the NO(A)ELs investigated?	None - only uncharacterised mixtures were tested Not known No No No
Mixtures Investigated Number of dose levels How does the mixture make-up compare to individual components? (e.g. low dose) equivalents used?) No. of technical replicates per exposure condition (<i>in vitro</i>) No. of animals per dose group (<i>in vivo</i>)	One - drinking water provided was HPLC grade purified water, tap water or bottled water Not relevant 60 dams per group
Observations/Findings	No statistically significant effects
Overall opinion (e.g. sufficient numbers of groups investigated, group sizes adequate, observations reproducible, low dose levels used investigated)	Study seems well done, though too much interpretation of "effects" for which there was no evidence. No historical control data available. Presumably, the components in the water were individually well below NOELs.