Group 1

Arsenic and compounds
As
[CAS No. 7440-38-2]
Reproductive toxicant: Group 1

Many epidemiological studies have shown a clear association between occupational or environmental exposure to arsenic compounds and adverse pregnancy outcomes including spontaneous abortion, premature birth, stillbirth, congenital anomaly, and decreased birth weight\(^1-^7\). Many animal studies have also shown reproductive and developmental effects of arsenic and arsenic compounds, including ovarian and testicular toxicity, reduced fetal body weights, and retarded ossification in rodents\(^8-^11\). Based on this evidence, arsenic and arsenic compounds are classified as Group 1 reproductive toxicants.

References