Nickel and compounds

Ni
[CAS No. 7440-02-0]

Reproductive toxicant: Group 3

There are no case reports or epidemiological studies in humans that have shown clear evidence of a correlation between occupational exposure to nickel and adverse effects on pregnancy, although several human studies have been reported\(^1\)\(^–\)\(^6\). On the other hand, one animal study reported the reproductive toxicity of nickel in rats; in that study, nickel chloride was given by gavage, and adverse effects including increased frequency of perinatal death were observed along with maternal toxicity\(^7\). Based on this evidence, nickel is classified as a Group 3 reproductive toxicant.

References


