

BENZOYL CHLORIDE (Group 3)

A. Evidence for carcinogenicity to humans (*inadequate*)

Six cases of respiratory cancer were reported among workers in two small factories where benzoyl chloride and its chlorinated precursors were produced¹.

B. Evidence for carcinogenicity to animals (*inadequate*)

Benzoyl chloride was tested in two sets of experiments by skin application to female mice. A few skin carcinomas were observed, but their incidence was not statistically significant¹.

C. Other relevant data

No data were available on the genetic and related effects of benzoyl chloride in humans. It did not induce mutation or DNA damage in bacteria².

References

¹*IARC Monographs*, 29, 83-91, 1982

²*IARC Monographs, Suppl. 6*, 103-104, 1987