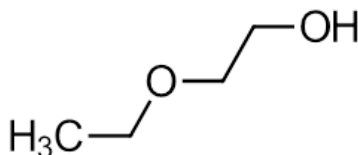


CAS 110-80-5

Ethylene Glycol Monoethyl Ether (2-Ethoxyethanol)

C₄H₁₀O₂



Summary of Health Effects

2-Ethoxyethanol can cause harm to the reproductive system of animals, especially males.

These effects have included reduction of testes weight, testicular atrophy, reduced sperm counts and motility, and abnormal sperm morphology.³

How is 2-ethoxyethanol used?

2-Ethoxyethanol is used as a solvent and to produce other chemicals during industrial manufacturing practices.¹

Exposure: How can a person come in contact with it?

A person can come in contact with 2-ethoxyethanol by breathing in contaminated air, drinking contaminated water, or from skin contact with consumer products containing 2-Ethoxyethanol.⁴

Toxicity: What are its health effects?

2-Ethoxyethanol is listed as a reproductive hazard on California's Proposition 65 list.²

Reproductive effects have been reported in repeated dose toxicity studies on various species. Reproductive effects were observed more frequently in male mice than females.³

The 2014 National Health and Nutrition Examination Survey (NHANES) report did not include data for 2-ethoxyethanol.

References

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3. European Chemicals Agency (2010). *Member State Committee Support Document for identification of ethylene glycol monoethyl ether as a Substance of Very High Concern because of its CMR properties*. Retrieved from echa.europa.eu/documents/10162/b8b0b5ed-43be-4c24-8d81-96b799916955
4. U.S. National Library of Medicine (2009). *Hazardous Substances Data Bank (HSDB) for ethylene glycol monoethyl ether (CASRN: 110-80-5)*. Retrieved from toxnet.nlm.nih.gov/newtoxnet/hsdb.htm