Ethylene Glycol Monoethyl Ether
(2-Ethoxyethanol)
\(\text{C}_4\text{H}_{10}\text{O}_2\)

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

How is 2-ethoxyethanol used?
2-Ethoxyethanol is used as a solvent and to produce other chemicals during industrial manufacturing practices.\(^1\)

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.\(^3\)

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

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.\(^4\)

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

References
2. California Environmental Protection Agency, Office of Environmental Health Hazard Assessment. List of chemicals known to the state to cause cancer or reproductive toxicity. Retrieved May 25, 2018, from oehha.ca.gov/proposition-65/proposition-65-list

This fact sheet is for the Chemical Disclosure Program for Children’s Products.