

**Ethylene glycol monoethyl ether**  
**C<sub>2</sub>H<sub>5</sub>OCH<sub>2</sub>CH<sub>2</sub>OH**  
**[CAS No. 110-80-5]**  
**Reproductive toxicant: Group 2**

There are no human studies clearly demonstrating the reproductive toxicity of ethylene glycol monoethyl ether (EGEE); however, there is sufficient evidence in animal studies indicating its reproductive toxicity including adverse effects on fertility both in males and females as well as on fetuses<sup>1-14</sup>. Testicular atrophy due to EGEE exposure was observed in mice, rats, rabbits and dogs<sup>1-6</sup>. Adverse effects on fertility were observed in male and female mice exposed to EGEE via drinking water<sup>7,8</sup>. Teratogenicity and other fetal toxicities, such as cardiovascular defects, ventral wall defects, defects in the kidney, and skeletal malformations/variations, were observed in rats and rabbits<sup>9-12</sup>. Behavioral effects in offspring were also reported in postnatal observations (including tests of neuromuscular ability, activity, and learning ability)<sup>13,14</sup>. Based on this evidence, EGEE is classified as a Group 2 reproductive toxicant.

**References**

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