

25 February to 4 March 2025

**Automotive gasoline**  
**Group 1**  
Carcinogenic to humans

**Sufficient evidence in humans** for bladder cancer and acute myeloid leukaemia.

**Limited evidence in humans** for non-Hodgkin lymphoma (including chronic lymphocytic leukaemia), multiple myeloma, myelodysplastic syndromes, cancers of the stomach and kidney, and childhood acute lymphoblastic leukaemia.

**Strong mechanistic evidence in exposed workers**



Genotoxicity



Oxidative stress



Chronic inflammation

**Oxygenated gasoline additives**

**MTBE ETBE**

**Group 2B**  
Possibly carcinogenic to humans

**TBA DIPE TAME**

**Group 3**  
Not classifiable as to its carcinogenicity to humans

**Main uses**

**MTBE, ETBE, TBA, DIPE, and TAME** are volatile compounds added to gasoline to increase combustion efficiency, especially since the phase-out of leaded gasoline.

**Who is exposed to these agents?**



Service station attendants, mechanics, and workers in production and transportation of gasoline. The general population via air pollution or gasoline vapour at service stations.