

ETHANOL

Ethanol ($\text{CH}_3\text{CH}_2\text{OH}$) is one of the most important individual organic compounds readily available all over the world. It has been described as one of the most versatile of compounds, being widely used as a solvent, a [germicide](#), a beverage, an [antifreeze](#), a fuel, and [fuel additive](#), additive to paints, coatings, automotive care products and [adhesives](#), a fragrance, a [lubricant](#), and as an intermediate for the synthesis and production of other organic compounds. Ethanol is mainly produced through yeast fermentation of sugars from seeds, [sugar cane or beets](#) and concentrated through subsequent distillation. Its main use is as a [liquid fuel](#) in transportation, most commonly in [admixture](#) with gasoline from oil.