







Where Does the Word "Alcohol" Come From?

- The word "alcohol" comes from the Arabic term *al kohl* meaning "the fine powder." Originally, this referred to an antimony sulfide (Sb₂S₃)compound used for eye shadow, which was ground up to form a fine powder, but then later came to refer to any finely divided powder. In the Middle Ages, this term came to mean the "essence" of anything.
- When the Europeans took up alchemy in the Middle Ages, they referred to vapors from evaporating or boiling compounds as "spirits," since they did not believe them to be material in the same sense that solids and liquids were. Alchemists began referring to "spirits of wine," and since an alcohol when it boils away seems to powder away to nothing, they also began to refer to "alcohol of wine" and then simply "alcohol".

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 Because alcohols hydrogen bond to each other, they have higher boiling points than alkanes of the same molecular weight. The boiling point of alcohols increases as the molecules become larger. 			
Name	Structure	Molecular Weight	Boiling Point
propane	CH ₃ CH ₂ CH ₃	44.09 g/mol	-42.1°C
dimethyl ether	CH ₃ OCH ₃	46.07 g/mol	-24°C
athanol	CH ₂ CH ₂ OH	46.07 g/mol	78.3°C
Culanoi			























































































