

Lesson 8: Alternative sources of energy

Fuels

What is a fuel?

What makes a good fuel?

What fuels do we use?

Ethanol**General**

Systematic name	Ethanol
Other names	Ethyl alcohol, grain alcohol, hydroxyethane, EtOH
Molecular formula	C_2H_6O
Molar mass	46.06844(232) g/mol
Appearance	clear liquid

Properties

Density and phase	0.789 g/cm ³ , liquid
Solubility in water	Fully miscible
Melting point	-114.3 °C (158.8 K)
Boiling point	78.4 °C (351.6 K)