

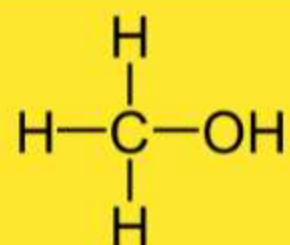
Haba pembakaran alkohol meningkat apabila bilangan atom karbon per molekul meningkat.
The heat of combustion of alcohol increases as the number of carbon atoms per molecule increases.

HABA PEMBAKARAN ALKOHOL

HEAT OF COMBUSTION OF ALCOHOL



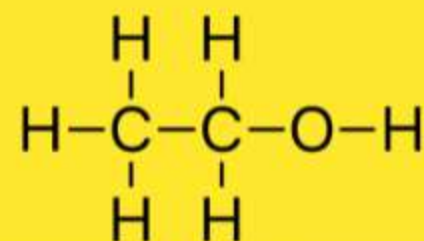
METANOL
METHANOL



1 atom C per molekul
1 C atom per molecule

$\Delta H = -728 \text{ kJ mol}^{-1}$

ETANOL
ETHANOL



2 atom C per molekul
2 C atoms per molecule

$\Delta H = -1376 \text{ kJ mol}^{-1}$

PROPANOL
PROPANOL



3 atom C per molekul
3 C atoms per molecule

$\Delta H = -2016 \text{ kJ mol}^{-1}$

BUTANOL
BUTANOL



4 atom C per molekul
4 C atoms per molecule

$\Delta H = -2678 \text{ kJ mol}^{-1}$