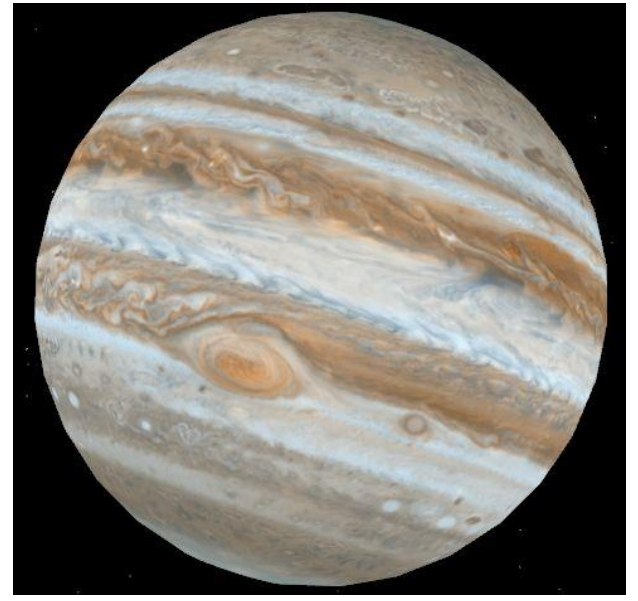


Süivesinikud

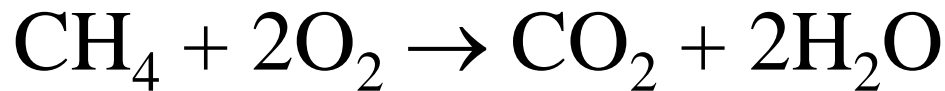
Neeme Katt



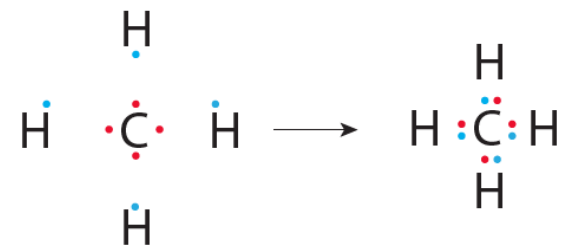
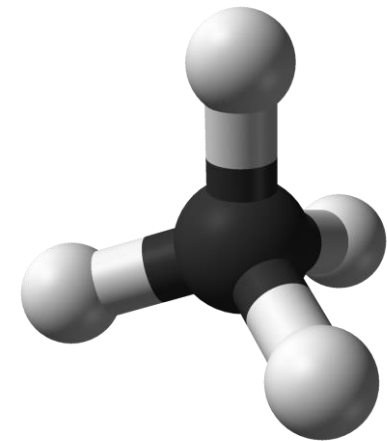
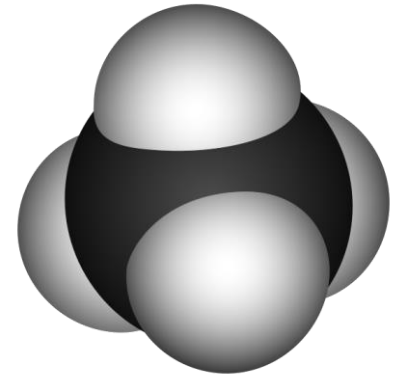
Metaan CH₄

- Tetraeedriline molekul
- Värvusetu, lõhnatu ja maitsetu mürgine gaas, vees ei lahustu, õhust kergem

- Põleb

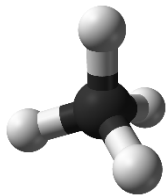


- Kasutatakse küttegaasina, keemiatööstuse toorainena

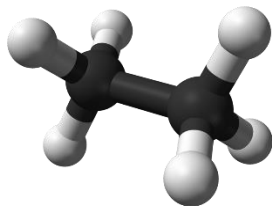


Süsivesinikud

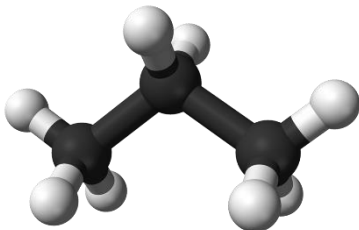
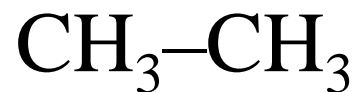
Süsivesinikud on ained, mis koosnevad **ainult** süsinikust ja vesinikust.



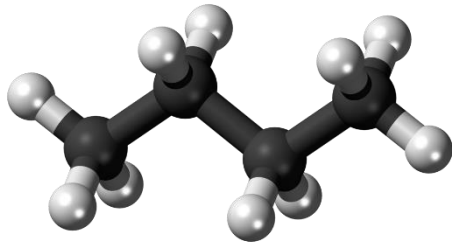
metaan



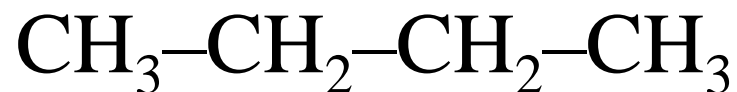
etaan



propaan



butaan



Süsivesinikud

- Mida suurem on süsivesiniku molekul, seda kõrgem on vastava aine sulamis- ja keemistemperatuur.



Gaasiline C_4H_{10}



Vedel C_6H_{14}



Tahke $C_{25}H_{52}$

Hüdrofiilsed ja hüdrofoobsed ained

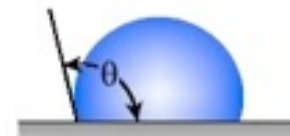
Hüdrofiilsed

Märguvad veega
Paljud lahustuvad vees



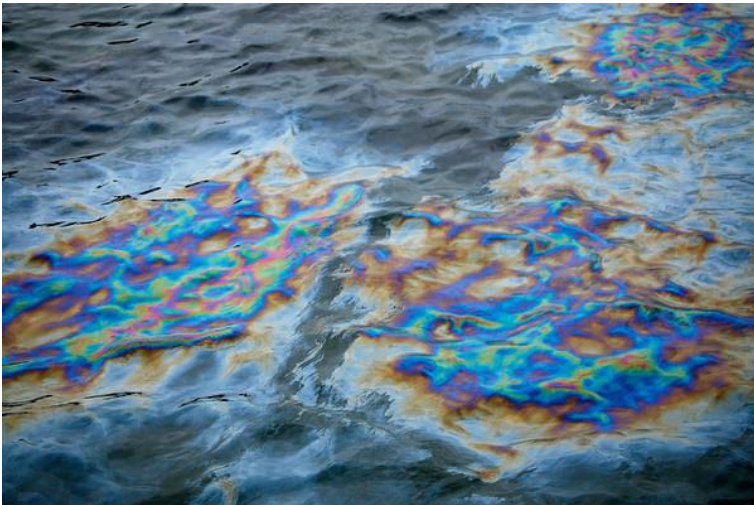
Hüdrofoobsed

Ei märgu veega
Ei lahustu vees



Süsivesinike hüdrofoobsus

- Ei lahustu vees
- Veest kergemad



Öppevideo

- <https://www.youtube.com/watch?v=X84SwwvN50k>