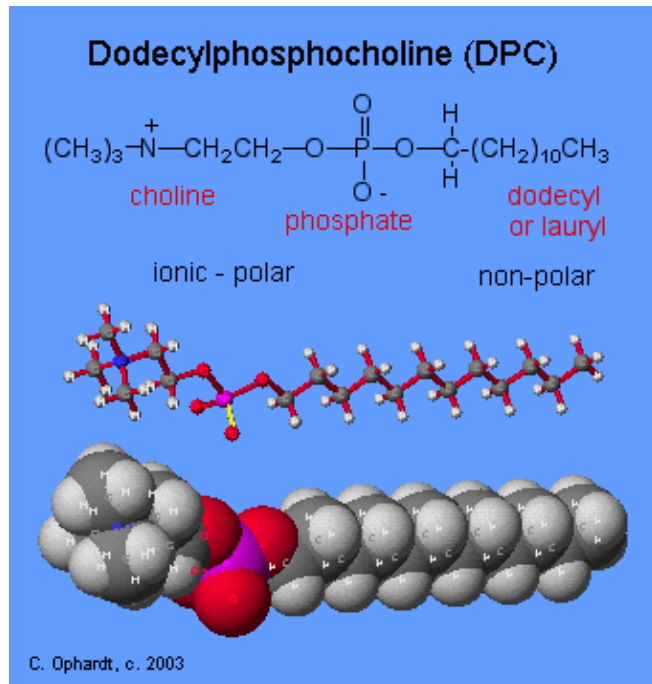
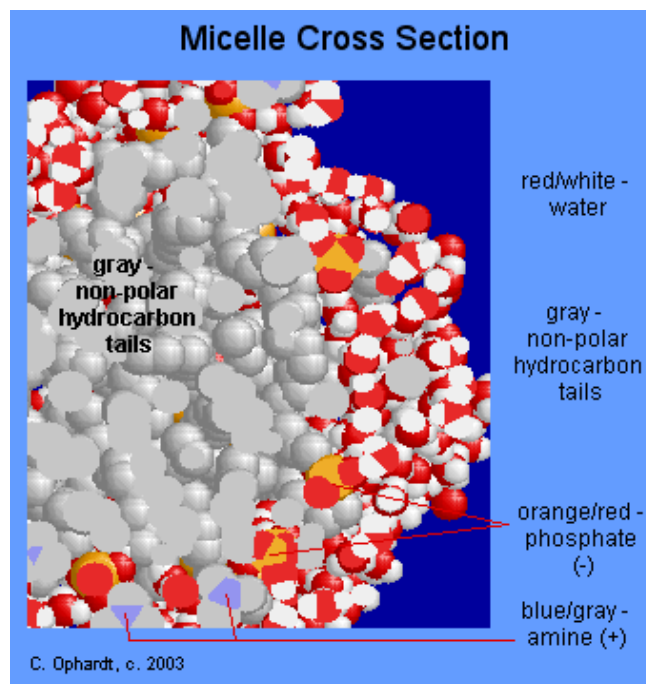


Solubility- "likes dissolve likes"

Synthetic detergent



Micelle of DPC



Which of these is soluble in water?

- A) CCl_4
- B) CH_3OCH_3
- C) $\text{CH}_3\text{CH}_2\text{OH}$
- D) HF
- E) $\text{CH}_3\text{CH}_2\text{CH}_3$

Which of these is soluble in a nonpolar solvent such as carbon tetrachloride, CCl_4 ?

- A) H_2O
- B) CH_3OH
- C) $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$
- D) $\text{CH}_3\text{CH}_2\text{CH}_2\text{OH}$