

Quiz 6 Grade Replacement Report.
(Value 1 quiz grade)

Write a 6 page report discussing micelles, vesicles and cell membranes. Include in your discussion ternary phase diagrams of surfactants, water and oil (monomer) as well as a comparison between a cell membrane and multi-lamellar vesicles found in laundry detergent. You may find the book Principles of Surface and Colloid Chemistry by Heimenz useful. You should also look up books dealing with industrial surfactants and their physical chemistry that can be found in the chemistry library. Your report should answer the question, what is the difference between a cell membrane and industrial detergent.