

Introduction

Amphiphilic molecules that consist of two parts. The head (polar) & tail (non-polar).

SAA in water

Polar head with water. Non-polar tail with air.

As SSA concentration increases, the surface tension of water is reduced; the forces of attraction between surfactant and water molecules are less than those between two adjacent water molecules, hence the contraction force (surface tension) is gradually reduced.

SAA in oil

Polar head with water. Non-polar tail with oil.



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