

# **SURFACE ACTIVE AGENTS** **AND THEIR CLASSIFICATION**

## **Introduction**

Also called Surfactants, surface active agents are compounds that lower the surface tension (or interfacial tension) between two liquids or between a liquid and a solid.

Surfactants include detergents, wetting agents, emulsifiers, foaming agents and dispersants.

## **Structure**

Surfactants are organic amphiphilic compounds containing 2 parts:

1. Lyophilic (solvent loving) part
2. Lyophobic (solvent hating) part

Usually the solvent is water, thus the 2 parts are usually termed as:

1. Hydrophilic part or water soluble phase which is anionic, cationic, amphoteric or non-ionic. It is also called polar head.
2. Hydrophobic part or water insoluble phase that is equivalent to 8-18 carbon hydrocarbon chain which may be branched, linear or aromatic. It is also called non-polar tail.

# Encyclopedia Of Surface Active Agents Volume 1

**AW Rasmussen**



## **Encyclopedia Of Surface Active Agents Volume 1:**

## Unveiling the Energy of Verbal Art: An Emotional Sojourn through **Encyclopedia Of Surface Active Agents Volume 1**

In some sort of inundated with monitors and the cacophony of fast communication, the profound power and mental resonance of verbal art frequently fade in to obscurity, eclipsed by the regular onslaught of sound and distractions. However, nestled within the lyrical pages of **Encyclopedia Of Surface Active Agents Volume 1**, a interesting function of literary elegance that pulses with organic feelings, lies an memorable trip waiting to be embarked upon. Composed by way of a virtuoso wordsmith, this magical opus books visitors on an emotional odyssey, lightly revealing the latent possible and profound affect embedded within the intricate internet of language. Within the heart-wrenching expanse of this evocative analysis, we can embark upon an introspective exploration of the book is central subjects, dissect their captivating writing type, and immerse ourselves in the indelible impression it leaves upon the depths of readers souls.

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