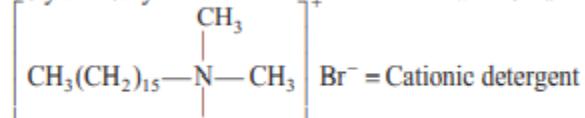


Which of the following is an anionic detergent?(2016 Main)

- (a) Sodium lauryl sulphate
- (b) Cetyltrimethyl ammonium bromide
- (c) Glyceryl oleate
- (d) Sodium stearate

Sodium lauryl sulphate $[(\text{CH}_3(\text{CH}_2)_{10}\text{CH}_2\text{OSO}_3^-)\text{Na}^+]$ =
Anionic detergent

Cetyltrimethyl ammonium



ammonium

Br^- = Cationic detergent

Glyceryl oleate $[(\text{C}_{17}\text{H}_{32}\text{COO})_3\text{C}_3\text{H}_5]$ = Non-ionic detergent

Sodium stearate $[\text{C}_{17}\text{H}_{35}\text{COO}^-\text{Na}^+]$ – Anionic soap