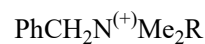




>>Entry Name: Benzalkonium(1+)



General Statement: R represents a mixt. of alkyl groups ($\text{C}_8\text{H}_{17} \rightarrow \text{C}_{18}\text{H}_{37}$)

>>Derivative: Chloride

Synonym(s): Benzalkonium chloride, BAN, INN, JAN, USAN. Capitol. Cetanorm. **Conotrane**‡. Drapolene. Roccacal. Torbetol. Many other names

CAS Registry Number: 8001-54-5

Use/Importance: Topical antiseptic; cationic surfactant and germicide. Pharmaceutical aid (preservative)

Physical Description: Yellowish-white amorph. powder

Solubility: V. sol. H_2O , Me_2CO ; prac. insol. Et_2O

Hazard & Toxicity: Skin and severe eye irritant (human data). LD_{50} (rat, orl) 240 mg/kg. Exp. reprod. and fetotoxic effects

Aldrich: 23442-7

Fluka: 12062

Sigma: B6295

>>Derivative: Chloride, Br_2 adduct

Synonym(s): Callusolve

Use/Importance: Used in the topical treatment of warts; topical antiseptic

Solubility: Insol. H_2O

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