

# Benzethonium Chloride USP

**INCI Name: Benzethonium Chloride**

**CAS Numbers: 121-54-0**



## Description:

Benzethonium Chloride is a synthetic quaternary ammonium salt. This compound is an odorless white solid, soluble in water. It has surfactant, antiseptic, and anti-infective properties, and it is used as a topical antimicrobial agent in first aid antiseptics. Benzethonium chloride exhibits a broad spectrum of microbicidal activity against bacteria, fungi, mold and viruses.

## Technical Data:

Appearance:	White Powder
Solubility:	Soluble in alcohol and water
pH range:	4.8-5.5
Melting Point:	158°C -164°C
Assay:	97%-103%
CAS:	121-54-0

## Applications:

Benzethonium chloride is found in cosmetics and toiletries such as mouthwashes, anti-itch ointments, and antibacterial moist towelettes. It is also used in the food industry as a hard surface disinfectant.



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