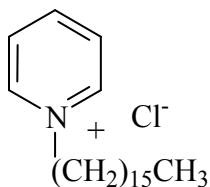


FRESHSTAT™
CPC PG,
Technical Data Sheet



Cetylpyridinium chloride

**40% Cetylpyridinium chloride,
 monohydrate in propylene glycol**

Product Identification		
INCI Name	Cetylpyridinium Chloride in Propylene Glycol	
Synonyms	CPC, Hexadecylpyridinium chloride, monohydrate C ₁₆ -alkylpyridinium chloride (in propylene glycol)	
CAS No.	6004-24-6 for cetylpyridinium chloride monohydrate 57-55-6 for propane-1,2-diol	
Molecular Formula	C ₂₁ H ₃₈ NCl·H ₂ O (CPC monohydrate only, not mixture)	
Molecular Weight	358 (CPC monohydrate only, not mixture)	
Quality Available	Both ingredients, CPC and Propylene Glycol, meet the USP monograph	
Specifications		
	Requirements	Specification
	Appearance Liquid	Pass
	KF Moisture	Min 1.0 Max 3.0
	Titration Assay CPC	Min 39.5 Max 41.5
Physical Properties		
	Property	Value
	Form	CPC in solution
	Appearance	Clear, light yellow
	Density	0.9923 g/ml
	Viscosity	70 cP.
	pH	6
	Solubility	Soluble in water and other polar solvents Insoluble in ethers, acetone and hydrocarbons
Packaging		
	188.2 kg drums	
Applications		
	Preservative in personal care products Used in food processing applications Odor and static reduction products Cationic surfactant in personal care (emulsifier or conditioner)	

For toxicity or regulatory information please consult the Safety Data Sheet.

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