

■ **PRODUCT DESCRIPTION SHEET** ■

Cationising Agent-QUAT

3-Chloro 2-Hydroxypropyl TrimethylAmmoniumChloride

Hydrogen peroxide (H₂O₂) is pale blue; when diluted it becomes a colorless compound. The compound, which is a very weak acid; especially to produce white color on paper in the paper industry. The compound is also used in disinfection, oxidation, antiseptic production and rocket fuel production.

PROPERTIES & SPECIFICATIONS

CAS NO	3327-22-8
Molecular Wt,(gm/mol)	188.1
Appearance	Clear Colorless to Slight Amber Color Liquid
Assay	69% (min)
1,3-Dichloropropanol (ppm max)	15
Epichlorohydrin (ppm max)	5
Solubility in water	Miscible
Relative Density At 20 °C	1.16
Make	DOW/Lotte/Sachem(on customer request)

APPLICATIONS

- Starch Cationisation
- Water Treatment
- Polymer Industry
- Paper Chemicals
- Pharma manufacturing
- Guar modification
- CMC modification

STORAGE AND HANDLING

Store in cool, dark, dry place. Avoid high temperatures. Materials of strong acidity, basicity or strong oxidizing agents should be avoided.

PACKING

Supplied in 200-250kg drums, depending on make.