



KINGSLEY™

**WWTP CHEMICAL
MANAGEMENT & SUPPLY**

WWTP Chemical Assessment

- Risk assessment for WWTP chemical
- A documented risk mitigation/management process

WWTP Chemical Management

- Chemical Optimization (by JAR TEST)



Simulates coagulation/flocculation with differing chemical doses

A calibrated jar test procedure to check coagulant dose & pH on removal of turbidity, organic & inorganic particles

To identify mitigation strategies & optimize treatment

Cost Reduction

- Efficient usage
- Savings in Operational Expense

WWTP Chemical Supply

- **Generic Name:** Quaternary Ammonium Cationic Polymer (Decoloring Agent)
- **Brand:** Kingsley
- **Origin:** China
- **Major Benefits:** Stronger Decolorization (50%~99%) & removal of COD (50%~80%)

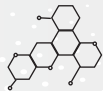
Advantages

- To De-color high-colority effluent from dyestuffs plants.
- High performance to treat wastewater with Reactive, Acid, Disperse, Direct Dyestuff etc.
- To treat wastewater from textile & dyeing industry, pigment, printing ink, paper industry.
- As retention agent in the paper & pulp processing.
- Faster sedimentation, better flocculation.
- Non-pollution (no aluminum, chlorine, heavy metal ions).
- Less sludge produced than other inorganic coagulants.

Application Fields



Textiles



Dyestuff



Pigment



Ink



Paper



Garbage leachate



Wood processing



Fiber bleaching



sugar processing



Paper & pulp production process



Industries effluent color removal

Typical Properties

SPECIFICATIONS	KSD-55, KSD-45 (WATER DECOLORING AGENT)
APPEARANCE	Colorless to yellowish translucent liquid
SOLID CONTENT	≥55%, ≥45%
SPECIFIC GRAVITY (@20°C)	1.20-1.25
PH VALUE (30% SOLUTION)	3-6
STORAGE TEMPERATURE (°C)	0-50
VISCOSITY (25°C, CPS)	30-250
SOLUBILITY	Soluble with water at any rate

Storage

In original containers in cool and dry place, (away from sources of heat, flame and direct sunlight).



Package

30 kgs

250 kgs net in plastic drum

1250 kgs net in IBC drum

Other Coagulant & Flocculant chemicals, encapsulated Microbial bacteria agent are also available.

KINGSLEY™

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Technology for a sustainable future

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