

INTRODUCTION

Kemfix DC 496 is a cationic coagulant based on quaternary polymeric compounds that is extremely effective at decolorizing, removing turbidity, and reducing COD in steel industry effluent.

PHYSICAL PROPERTIES

Appearance:	Colorless or light-colored sticky liquid
Chemical Composition:	Cationic Compound composition
pH (as such product):	2 to 4
Ionic Character:	Cationic
Solubility:	Easily soluble in water
Solid Content (%)	20% minimum
Dynamic Viscosity:	200 – 300 cps.
Sp. Gravity:	1.01 minimum

APPLICATION FIELDS:

The product is mainly used for decolorization, turbidity removal and COD reduction for the wastewater generated from CRM, HRM and Blast Furnace.

The same product is used for fat removal in dairy industry and color removal in textile industry.

APPLICATION METHODS:

The product should be diluted with water to a concentration of 1-10 % and then added to the wastewater directly. Allow an appropriate amount of mixing time for colloidal particles to dissolve into suspension. This product is also used as a charge neutralizer before sedimentation.

When the color degree and COD of wastewater is higher, it is preferable to use it with the help of poly aluminum chloride. This way, the expense of treatment can be lowered. The jar test can be used to determine the dosing order and percentage.

PACKING:

25 kgs, 50 kgs Plastic cans.

HANDLING:

Safe handling advice: Use only in area provided with appropriate exhaust ventilation. Avoid dust formation. Use personal protective equipment.

STORAGE:

Keep tightly closed in a dry and cool place. Avoid direct exposure to sunlight.

SHELF LIFE:

6 months.

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