
KEMFIX DC 500

INTRODUCTION

Kemfix DC 500 is a biodegradable cationic polymeric coagulant; it has excellent efficiency in coagulating, flocculating and removing COD.

PHYSICAL PROPERTIES

Appearance: Colorless or light color sticky liquid

Chemical composition: Cationic Compound composition

pH: 4 – 6 (30 % water solution)

Ionic Character: Cationic Polymeric Coagulant.

Solubility: Easily soluble in water

Dynamic Viscosity: 100-300 cps.

Sp. Gravity – 1.01 minimum

APPLICATION FIELDS:

The product is mainly used to coagulating high- colored waste waters in RWTP, Textile and dairy plants.

The product is also used in wastewater treatment, such as the sewage of textile, printing & dyeing and printing ink.

The rate of coagulation is higher than 95% for wastewater; the elimination rate of COD is between 40% and 70%.

APPLICATION METHODS:

The product shall be diluted with 10-40 times water, and then added to the wastewater directly, after stirring for several minutes, it can be precipitated or air- floated to become clear water.

The pH value of wastewater should be prepared before hand to adjust to 4 - 8

When the color degree and COD of wastewater is higher, preferably it can be used with combination of conventional coagulants. In this way, the treatment cost can be reduced. The dosage order and dosage proportion of agent depends on the flocculation test and the treatment process.

PACKING:

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. The product itself does not burn but is easy to explode. The suitable storage temperature is 30 Deg C, and it is forbidden to be placed in the sun.

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