

KEMFIX DC 496

Cationic Coagulant

INTRODUCTION

KEMFIX DC 496 is a cationic coagulant based on quaternary polymeric compounds. It has excellent efficiency in fats and oil emulsion breaking.

PHYSICAL PROPERTIES

Appearance:	Colorless or light-colored sticky liquid
Chemical Composition:	Cationic Compound composition
pH (as such product):	2 - 4
Ionic Character:	Cationic
Solubility:	Easily soluble in water
Solid Content (%)	45% minimum
Dynamic Viscosity:	200 – 300 cps.
Sp. Gravity:	1.01 minimum

APPLICATION FIELDS:

- ◆ Used to reduce COD and turbidity in food and dairy industry by conversion of emulsified oil, fats, protein and colloidal impurities in suspension form. These impurities can then be separated by means of dissolved air floatation.
- ◆ Used for colour removal in textile industries.
- ◆ Used for wastewater applications in refineries.

METHOD OF APPLICATION:

KEMFIX DC 496 should be diluted with water to a concentration of 1-10 % and then added to wastewater with a pH of 5-8 directly. The pH value of the wastewater should be adjusted to 5-8 before adding the product. Allow an appropriate amount of mixing time for colloidal particles to convert into suspension.

The product is also used as a charge neutralizer before sedimentation.

PACKING:

25 kgs, 50 kgs Plastic cans.

HANDLING:

Use only in areas with adequate exhaust ventilation. Avoid dust formation. Use protective equipment.

STORAGE:

Keep tightly closed in a cool and dry place. Avoid extreme temperatures and protect from moisture. Do not use metal containers.

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