

Color Removing Agent

# ILFLOC - 01

## ! APPLICATION

ILFLOC - 01 is an excellent remover for color in waste water at textile plant, pulp and paper industry, food processing plant.

The process consists in treating the effluents with a basic nitrogen-containing polymer compound and separating the flocs which have formed from the effluent.

## ! CHARACTERISTICS

1. Easy handling and safely agent based on cation type polymer.
2. Solution type.
3. Wide pH range (5 - 8)

## ! HOW TO USE

1. Dose ILFLOC - 01 in to the coagulant tank in waste water treatment plant.
2. Feed ILFLOC - 01 in and 10 - 20% diluted solution by using metric pump at the suitable point in the system.
3. Keep pH 5-8.
4. Dosage is normally 20 - 500 ppm in the waste water.

## ! PROPERTIES

1. Appearance : White - yellowish liquid
2. pH :  $4.5 \pm 1.0$
3. Main ingredient : cation type polymer

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## ! HANDLING AND STORING

1. Protect the face and hands with a mask and rubber gloves to avoid the direct contact with ILFLOC - 01
2. In the case of the direct contact, the affected area should be immediately washed with running water thoroughly
3. Store ILFLOC - 01 in a cool and dark place

## ! PACKING STYLE

200Kg Drum

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**APPLICATION OF ILFLOC - 01****EXAMPLE 1 DYEING FACTORY****1) Treatment chemicals & Treatment method**

**ILFLOC - 01** ----- **100 ppm**  
**Acid solution** ----- **450 ppm**  
**Alkali solution** ----- **200 ppm**  
**Anion polymer** ----- **5 ppm**

**2) Result**

ITEM	BEFORE	AFTER
Appearance	Dark brown	colorless
pH	12.3	7.2
COD	860	32
SS	68	4

**EXAMPLE 2 DYEING FACTORY****1) Treatment chemicals & Treatment method**

**ILFLOC - 01** ----- **50 ppm**  
**Acid solution** ----- **280 ppm**  
**Alkali solution** ----- **90 ppm**  
**Anion polymer** ----- **5 ppm**

**2) Result**

ITEM	BEFORE	AFTER
Appearance	Dark red	colorless
pH	7.8	6.8
COD	260	24
SS	48	3