Decolorizing Flocculating agent for colored mill effluent

SENKAFLOCK Z – 150C

SENKAFLOCK Z-150C is a decolorizing agent for the colored waste water discharged from the dyeing mill. SENKAFLOCK Z -150C which consist of water-soluble cationic resin, can easily separate water and sludge after combining with anionic colorant of dyes and pigment , for instance, being insoluble the colorant.

Properties:

1)	Appearance	colorless or pale yellowish liquid
2)	Component	water –soluble cationic polymer
3)	Ionic	cationic
4)	pH	approx.5.0 (1% solution)
5)	Solubility	soluble in any proportions of water

Characteristics:

1. SENKAFLOCK Z-150C gives an excellent decolorizing effect to decolorize the colored waste water containing of the water-soluble anionic dyestuffs as direct dyes, reactive dyes, acid dyes, disperse dyes and etc.
2. SENKAFLOCK Z-150C is enhanced the formation of flocking and raises the separated speed when using together inorganic coagulants as Aluminum Sulfate and PAC or Anionic high polymer coagulant such as SENKAFLOCK S3020A and DS1420A.
3. The formed sludge can be easily burned up, because SENKAFLOCK Z-150C is an organic component.

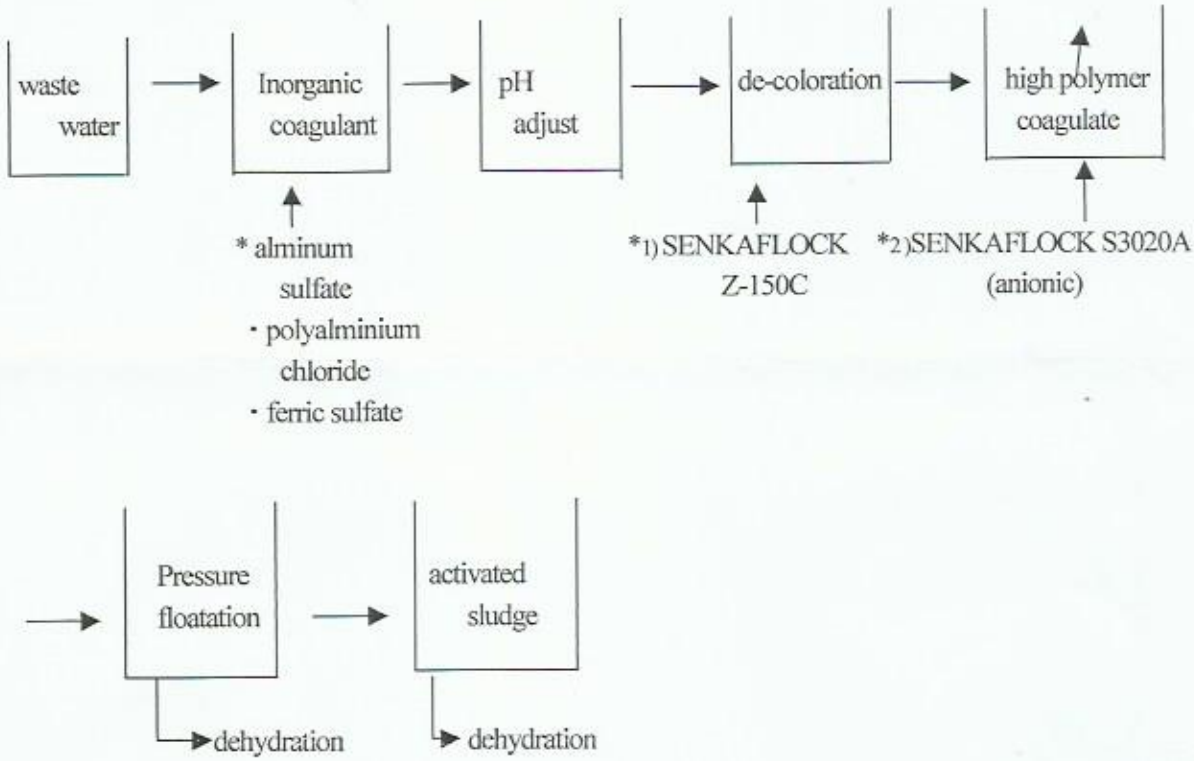
Application:

The dosage will be different from the characteristic of the colored waste fluid, but SENKAFLOCK Z-150C is added 50~200 ppm as a general guide, and then add a 5~6 ppm of SENKAFLOCK S3020 (Anionic coagulant) because it is grown flocking formation up and raised the separation from water.

Process:

1) Dyed waste-water after dyeing
2) Inorganic coagulants are added into above waste-water.
3) The pH of the waste-water is adjusted between 6 and 8 by addition alkali or acid according to whichever is necessary.
4) Approx. 50 to 200 ppm of SENKAFLOCK Z-150C is added into the waste-water.
5) Approx. 2 or 3 ppm of anionic polymer coagulant is added for the purpose of forming larger grains of floc in size.
6) The sludge is separated form water.

<Flowchart>



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The information contained in this pamphlet is offered as a guide to our customers. It is based on our experience over many years, but we are unable to undertake any responsibility as to its accuracy.