【High-powered Neutral Inorganic Flocculant】

J C S S－1

Top Clean SS-1

～ a flocculant made up of eco-friendly raw materials ～

■ effects of usage ■

- ✧ Purification, elimination of SS of contaminated water,
- ✧ Removal/lowering of lead, mercury, zinc etc., and hazardous substance in factory waste water,
- ✧ De-colorization of dye/laundry water, removal of phosphorus, nitrogen etc..

■ Usage plans according to application ■

- ✧ Engineering construction site drainage water
- ✧ Various factory waste water treatment (grinding, plating, food products, fishery, livestock)
- ✧ paint waste water treatment
- ✧ purification of rivers/fluvial, lakes/ponds and puddles

J & C

■ Characteristics of a flocculant

✧having comprised of natural minerals as the main ingredients, it is safe and has low impact on nature

✧having comprised of main ingredients that have cellular absorptive properties, this water-based purifying agenthas unprecedented coagulation power

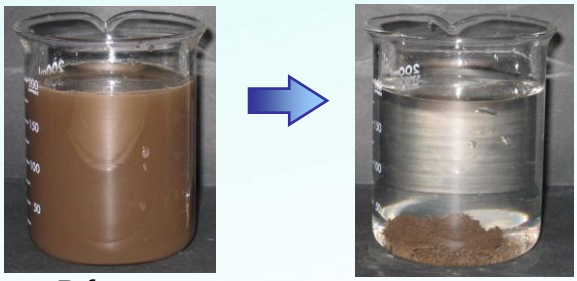
✧once come in contact with contaminated water and stirred, it shows rapid agglutination/sedimentation and results in unbundling of clear water and floc, and is thus easy to use

✧rapid reaction and sedimentation of floc makes it possible to downsize and save cost on the device

✧economic price tag allows the cutback on running cost

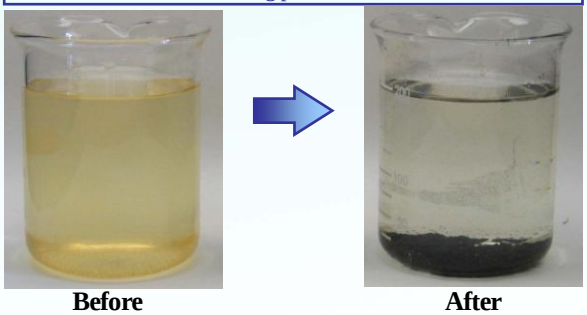
Flocculant test sample

Engineering construction site drainage water



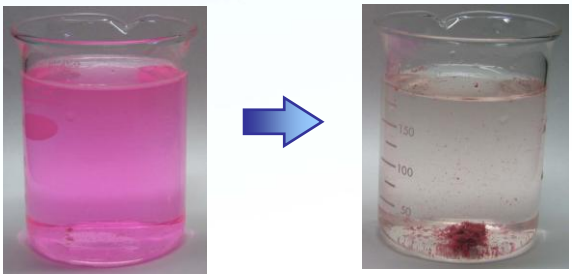
Before　　After

Zinc coating processed water



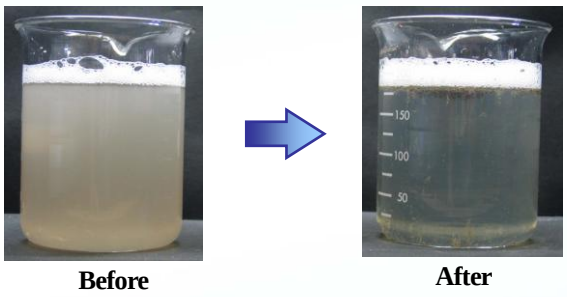
Before　　After

Paint waste water



Before　　After

Laundry waste water



Before　　After

■ Measurement verification data sample

Engineering construction site drainage water

Item	unit	before	after
ph	—-	6.2	5.9
ss	mg/l	16,700	4
BOD	mg/l	12.0	0.6
COD	mg/l	1,480	2.0
nN-hexane	mg/l	4	<1
pb	mg/l	0.85	<0.001

Laundry waste water

item	Unit	Before	After
ph	—	10.2	9.8
ss	mg/l	1,500	21.1
BOD	mg/l	422	29.2
COD	mg/l	201	25.4
N	mg/l	25	4.9
P	mg/l	35.8	0.13

■ Rough indication of additive amount (ppm)

for 1L of treated water 20mg ~ 0.3g（20 ~ 300ppm）

raw water SS density	additive amount	raw water SS density	additive amount
<1,000 以下	20-50	5,000-10,000	100-200
1,000-5,000	50-100	10,000-20,000	150-300

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