

# DAI-ICHI'S PRODUCTS

## Polyacrylamides

### PULP & PAPER

Daipol C 5110, C 5110 M, C 6110	Retention aid for paper making in neutral to alkaline pH.
Daipol CLP 3	Fixing agent for synthetic sizing in paper making.
DK SET IX 1177 / P 3250 / P 3160	Flocculant for green liquor and white liquor clarification in soda recovery in pulp making process.
DK SET P 0710 / P 0506 / P 705 A	Retention aid for paper making in acidic to neutral medium.
DK SET P 3215	Fiber recovery agent for DAF system of save all.
DK SET C 3115 / C 7115	Dewatering polymer for pulp mill, paper mill & deinking plant on screw press.

### SEWAGE TREATMENT

DK SET P 3110 / P 3113 / P 3100	A range of flocculants for primary clarification & settling.
DK SET C 3125 / C 6135 / C 0635	Flocculants for dewatering the sludge for ease in handling & disposal.

### TELECOMMUNICATION & IT

Daipol 01 HD & 02 HD	Polymers for horizontal directional drilling and micro tunnelling involved in optical fiber cable laying and pipe line laying using trenchless technology.
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### SUGAR

DK SET 8220 SP / 820 SP	Special grade flocculant for mud settling & juice clarification and recovery of juice from the mud.
DK SET CL 90	Coagulant for colour reduction of juice for white plantation sugar production.
DK SET 8220 SP(U)	Flocculant for phospho floatation of purification and colour reduction at the syrup stage in sugar refining.
DK SET 8220 SP	Special grade flocculant for mud settling in tray less clarifier and HRT.
DK SET P 220	Dewatering flocculant for the recovery of juice from mud in super decanters.

## MINING & METTALURGY

Daipro DW 65	Super wetting and penetrating agent in the leaching operation and an excellent dewatering agent.
DK SET P 3130 / P 3130 PLUS / P 247 / P 2147 / P 3130 M	A range of anionic flocculants for tailings & concentrate thickening and recovery of water in iron ore beneficiation plant depending on the nature of the ore.
DK SET DHA 110	Flocculant for neutral leached settling in hydrometallurgical process of zinc metal manufacturing.
DK SET IX 1177 Series	Flocculants for red mud settling in Bayer's process of alumina manufacturing from bauxite.
DK SET P 3120 / P3130	Flocculants for clarification of blast furnace flue gas scrubber water for recycling.
DK SET P 700 / PN 6150	Flocculant for acid leached settling in hydrometallurgical process of zinc metal manufacture and copper/cobalt metal manufacturing.
DK SET PN 6150 / DK SET P 7003	Flocculant for acid leached settling in hydrometallurgical process of uranium extraction.
DK SET P 3130 / DK SET P 7003	Flocculant for neutral leached settling in hydrometallurgical process of uranium extraction.

## CHLOR-ALKALI

DK SET IX 1177K	Flocculant for brine clarification, nitrogen free product for membrane technology of caustic soda manufacturing.
DK SET IX 1177	Flocculant for brine clarification in soda ash manufacturing.

## EFFLUENT TREATMENT - ETP/CETP

DK SET P 3110/ P 3110	Flocculant and dewatering polymers for the waste water from marble and granite cutting & polishing.
DK SET C-3125 / C 6135 / CE 3	General purpose dewatering agent for mechanical dewatering of secondary sludge.
DK SET CA 60 / CL 90	Colour coagulant for textile and dyestuff effluent, pulp mill effluent and distillery spend wash, deoiler for oilfield effluent & refinery effluent, etc.
DK SET P3113 / P3120 / P3130	General-purpose flocculant for primary settling in ETP & deoiling polyelectrolyte in oilfield application.
DK SET C 445 / C 435	Dissolved air flotation of the solids from the waste water from fish processing units.

## FERTILISERS

DK SET DHA 110 /  
DHA 125 / P 700

Flocculant for clarification of dilute phosphoric acid and recovery from the gypsum sludge.

## CEMENT

DK SET P 3113

Flocculant for thickening of beneficiated lime stone in cement manufacturing by the wet process.

DK SET P 3110 / P 3100

Flocculant for thickening of slacked lime [from carbide route of acetylene manufacture] and a feed to upgrade the calcium content of low grade lime stone in cement manufacturing.

## CERAMICS

DK SET P 700 / P 3100

Flocculants for mechanical dewatering of mix clay.

Shallol AN 103P/  
AD 200 / AD 100

Grinding aid & rheology modifier for China clay and other ceramic ingredients.

## COAL WASHERY

Daipro DW 65

Dewatering agent for fine and coarse coal in coal washery.

DK DET P 3113 / P 3130 /  
P 1030 / P 1025

Flocculants for tailings thickening and recovery of water for recycling in coal washery.

## RAW & POTABLE WATER TREATMENT

DK SET C 1239 L  
& DK SET CL 90

Non-toxic cationic coagulants in primary clarification process.

DK SET 3110 SP  
& DK SET 3113 SP

Flocculant for primary clarification.

DK SET 3110 SP  
& DK SET 3110 SP

Dewatering flocculant for alum sludge.

## SAND WASHING PLANTS

DK SET P 700

Flocculant for sand washing [white sand for making glass] plant for recovery of water.

DK SET P 3113  
DK SET CL 90

Flocculants for crushed sand washing plants manufacturing plaster sand and concrete sand to recover the water for recycling.

## PROCESS INDUSTRIES

DK SETs of Anionic,  
Nonionic &  
Cationic range

A broad range of flocculants of various charge densities suitable for solid-liquid separation in aqueous medium under all conditions in innumerable processes.