



## PRODUCT DATA

PD 125

# AQUARIGHT FC - N

### DESCRIPTION AND USE

The AQUARIGHT FC - N is nonionic low molecular weight polyacrylamide based synthetic flocculant provide for use in the mining industry, potable water and industrial influent and effluent treatment

AQUARIGHT FC - N is nonionic flocculant can be used to improve settlement rates of particles in water treatment solids separation in :

- Potable water
- Industrial influent/effluent steel industry, oil refineries mining industry, paper industries, food industry and process water-power plant.
- Phosphate removal in municipal waste treatment.

### GENERAL SPECIFICATION

Appearance	:	White powder
pH of operation range	:	
Bulk Density Compacted g/ltr	:	750 ± 50
Solution Viscosities (cps) <sup>3</sup>	:	
1 %	:	150
0.5%	:	30
0.25%	:	10
0.10%	:	5
Particle size distribution	:	95% between 1.0-0.15 mm

### TREATMENT AND DOSAGE REQUIREMENTS

For optimum results polymer should be added as a dilute solution of 0.1% or less. Polymer should be added at a point of turbulence in the system to ensure adequate mixing, followed by less turbulent conditions to allow floc build up. Multiple point flocculant addition will result in more efficient performance.

Generally, dosage depends upon the raw water conditions.

The treatment levels is recommended for :

- Flocculants	:	0.2 - 10	mg/L
- Flocculants aids	:	0.05 - 1.0	mg/L
- Filtration aids	:	0.01 - 0.1	mg/L
- Sludge Conditioning agents	:	10 - 200	mg/L

### PRODUCT BENEFITS

Fast settling rates  
Work over wide pH range  
High supernatant clarities  
Effective at low dosage rates

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