



PRODUCT DATA

PD 126

AQUARIGHT FC - A

DESCRIPTION AND USE

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

AQUARIGHT FC - A is anionic 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 | : | 825 ± 50 |
| Solution Viscosities (cps) ³ | : | |
| 0.50% | : | 850 |
| 0.25% | : | 400 |
| 0.10% | : | 150 |
| Particle size distribution | : | 95% between 1.7-0.15 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
Effective at low dosage rates
Easily soluble despite high molecular weight
Solid product reduces storage requirement

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