



## 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) <sup>3</sup>	:	
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

Every endeavor has been made to ensure that the information contained in this leaflet is reliable but we cannot accept liability for any loss, injury or damage which may result from its use. Data given in this Material Safety Data Sheet are solely for guidance in safe handling and use of the product(s) by customers; they do not form part of any specification. Customers are reminded that there may be uses or application of our products which are protected by patents under which PT ZEFA VALINDO JAYA have no rights. If any difficulties arise, we shall be glad to discuss them. Before using any product, read its label.

- a trade mark of : PT ZEFA VALINDO JAYA , Bekasi – Indonesia