



ANGLO GULF LIMITED

انجلو الخليج المحدو

TECHNICAL DATA SHEET

AQUA AG-516

FLOCCULENT – ANIONIC

Product description

Aqua AG-516 is high molecular weight anionic polyacrylamide polymer for use in mechanical dewatering, gravity settling, coagulant aid, water clarification, filtration, phosphate removal and as an aid in Dissolved Air Flotation (DAF). This flocculant has been developed to improve the settling rate with minimum sludge volume. This product is effective over wide range of pH and has great flexibility in coping with fluctuation in operating conditions with their remarkable settling property

Benefits

- Very Good floc formation.
- Efficient removal of colloidal silica.
- Improved clarity in filtrate
- Sizable reduction in organics

Specification

| | |
|--------------------|-----------------------|
| Appearance | White granular powder |
| pH(0.01% solution) | 4.0-9.0 |
| Molecular weight | 12-16 million |

Direction of usage

Prepare stock solution (0.1-0.01% Wt/volume) of the Aqua AG-516 using clear filtered water. Prepare feed solution by diluting the stock solution directly or by on-line using filtered water. For small chemicals can be dosed by gravity or by dosing equipment. However, for large systems use of dosing system is recommended. Technical representatives will recommend the dosing equipment best suited for your requirement.

DOSAGE

Recommended dosage is in the range of 0.5 to 1.0 ppm depending on the water quality



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Handling and Storage

Use hand gloves, mask, apron and goggles while handling. Store away from moisture and other reactive chemicals. Do not inhale and ingest the material. Careful if spillage happens.

It can form slippery surface on wet surface.

Recommended storage is two years if the bags are tightly closed.

Refer MSDS for more details.

Packing

Aqua AG-516 available in 25kg bag.