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Product name: **POLYFLOC AS**

Product description: POLYFLOC AS is a high molecular weight anionic polyacrylamide flocculant supplied in a dust free beaded form. POLYFLOC AS is soluble in fresh or salt water.

Principal uses: POLYFLOC AS is used in a very dilute form as a flocculant for drilling muds and wastewater treatment. Because of its high molecular weight it builds strong flocs that are suitable for gravity settling or centrifuging.

POLYFLOC AS can be used with organic or non-organic coagulants and may be used to strengthen flocs formed with lower weight anionic flocculants. In some cases the flocs formed with POLYFLOC AS may be further strengthened by the use of the cationic flocculants POLYFLOC CS or POLYFLOC C.

POLYFLOC AS will treat Wyoming and European grades of bentonite to produce clear centrates and strong flocculated solids, enabling them to be separated by centrifuge.

A dilute solution of POLYFLOC AS may be used for the clarification of lightly contaminated wastewater, such as may result from the overflow from gravity settling ponds.

Characteristics: POLYFLOC AS is suitable for use with fresh and salt water muds.

Mixing: For best results, a solution of POLYFLOC AS in water should be prepared at a concentration of 0.1 to 0.5%, this should be allowed to yield for at least one hour before use. When preparing the solution, it should be remembered that the viscosity of the solution increases with the concentration of POLYFLOC AS. It is recommended that for normal applications the concentration of POLYFLOC AS in the solution should not exceed 0.5%.

The solution should be dosed into the feed product at the required rate and mixed, either by static mixer, agitator or at a point of turbulence.

Packaging, Storage & Handling: POLYFLOC AS is packaged in 25kg polyethylene-lined multi-walled sacks. POLYFLOC AS has a shelf life of several years but should be stored in a cool dry place, avoiding extreme temperatures, rain & direct sunlight. The product has a low order of toxicity. It is recommended that gloves, goggles and protective clothing be worn. Spillages should be contained with an inert material and removed for disposal. The product is very slippery when wet. Further information on handling and use can be found in the relevant Safety Data Sheet.

Customs tariff code: 390690.90