Polyfloc A-500

Description

Polyfloc A-500 is an extremely high molecular weight, medium anionic, emulsion polymer, recommended for water clarification and waste water treatment.

Properties

Polyfloc A-500 is highly effective in dewatering industrial slurries as well as in water clarification applications. Applications where Polyfloc A-500 has experienced excellent results include heavy metals removal, paper mill and air scrubber water clarification, inorganic sludge filtration, food processing industry and non-potable water clarification.

Appearance: white opaque liquid
Bulk viscosity (cps): 1000
Flash Point (°C): > 100

These data are to be seen as typical values and should not be considered as specifications.

Preparation and Dosage

When used as a flocculant or a coagulant aid, typical addition levels range between 0.1-2.5 ppm. Before preparing a solution of Polyfloc A-500, stir the contents of the drum to insure product uniformity on a daily basis. Since solutions can be more viscous than the neat product, a maximum concentration of 0.5% is recommended. To prepare a solution, fill the polymer make-up vessel half full with clean water at a temperature below 40°C. Turn on the mixer and add the appropriate volume of emulsion to the vortex. Then add the remaining volume of water and agitate for 15-20 minutes.

For best results, the solution should be further diluted inline or in a holding tank. Dilute polymer solutions should be used within 3 days.

Handling

Polyfloc A-500 should be stored where temperature conditions are between 5-35°C. In-house storage is recommended. Avoid freezing and direct sunlight which could degrade the product. Recommended materials for storage and handling are plastic, glass, epoxy lined, or stainless steel equipment.

Polyfloc A-500 will retain its high molecular weight and activity in storage for periods of at least six months.

Polymer spills are very slippery and should be wiped up immediately.

The use of rubber gloves and a face shield is recommended when handling the product.

Before use review the Material Safety Data Sheet for additional information.

Transport Classifications

A.D.R: none
IMDG: none
U.N nr: none

Packaging

Polyfloc A-500 is available in 25 kg pails and other containers available on request.

Important Information

Typical Properties: Refer to MSDS.

Regulatory Information: Please refer to the MSDS or contact your sales representative for any additional regulatory and environmental information.

Safety: Icbina maintains Material Safety Data Sheets on all of its products. Material Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers.

Our Material Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Icbina products in your facilities.